EXHIBIT 3

Page 1

IN THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF WEST VIRGINIA CHARLESTON DIVISION

IN RE: ETHICON, INC.,
PELVIC REPAIR SYSTEM
PRODUCTS LIABILITY
LITIGATION

Master File No. 2:12-MD-02327 MDL No. 2327

THIS DOCUMENT RELATES TO:

Angela Daugherty and Jimmy Daugherty v. Ethicon, Inc., et al.

Case No. 2:12-cv-02076

JOSEPH R. GOODWIN U.S. DISTRICT JUDGE

(General Prolift)

The Video Deposition of MICHAEL KARRAM, M.D., taken by the Plaintiff, pursuant to Notice and Subpoena, before Teresa A. Moore, a Registered Professional and Certified Realtime Reporter, at the offices of Frost Brown Todd LLC, 301 East Fourth Street, Great American Tower, Suite 3300, Cincinnati, Ohio 45202, on Tuesday, June 28, 2016, at 6:49 p.m.

GOLKOW TECHNOLOGIES, INC.

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1	APPEARANCES:	1 MICHAEL KARRAM, M.D.,
2	On behalf of the Plaintiff:	
3	GREGORY D. BENTLEY, ESQ.	2 of lawful age, a Witness herein, after having been first
	of	3 duly sworn, was examined and deposed as follows:
4	ZONIES LAW LLC	4 EXAMINATION
	1900 Wazee Street, Suite 203	5 BY MR. BENTLEY:
5	Denver, Colorado 80202	6 Q. Doctor, my name is Greg Bentley. I'm an
_	Phone: 720-464-5300	7 attorney representing the plaintiffs in this litigation.
6 7	Email: gbentley@zonieslaw.com	8 And we're here today for your general deposition
8	On behalf of the Defendants	9 regarding Prolift. Do you understand that?
9	JORDAN N. WALKER, ESQ.	10 A. I do.
	of	11 (Exhibit 1 marked for identification.)
10	BUTLER SNOW LLP	
	1020 Highland Colony Parkway, Suite 1400	12 BY MR. BENTLEY:
11	Ridgeland, Mississippi 39157	Q. I'm going to hand you what's being marked as
12	Phone: 601-948-5711 Email: jordan.walker@butlersnow.com	Exhibit 1, which I believe is a clean copy of your
13	Linan. Jordan. warker@outlershow.com	general causation report regarding Prolift.
14		Does that look correct to you?
15		17 A. Yes, it does.
16		18 (Exhibit 2 marked for identification.)
17		19 BY MR. BENTLEY:
18 19		20 Q. Okay. I'm going to hand you, for your
20		21 reference, a clean copy of your reliance list that was
21		22 previously discussed in the TVT-O deposition. For
22		
23		purposes of this deposition, we're going to mark the
24		24 reliance list as Exhibit 2. Okay?
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1	INDEX	1 A. Okay.
	INDEX Page	1 A. Okay.
2	Page	1 A. Okay. 2 Q. All right. Doctor, when you began practicing
2	Page MICHAEL KARRAM, M.D.	1 A. Okay. 2 Q. All right. Doctor, when you began practicing 3 medicine, were you treating women who suffered from
2 3 4	Page MICHAEL KARRAM, M.D. Examination By Mr. Walker121	1 A. Okay. 2 Q. All right. Doctor, when you began practicing 3 medicine, were you treating women who suffered from 4 prolapse?
2 3 4 5	Page MICHAEL KARRAM, M.D.	1 A. Okay. 2 Q. All right. Doctor, when you began practicing 3 medicine, were you treating women who suffered from 4 prolapse? 5 A. Yes.
2 3 4	Page MICHAEL KARRAM, M.D. Examination By Mr. Walker121 Further Examination By Mr. Bentley142	1 A. Okay. 2 Q. All right. Doctor, when you began practicing 3 medicine, were you treating women who suffered from 4 prolapse? 5 A. Yes. 6 Q. How did you treat women, initially, who
2 3 4 5 6	Page MICHAEL KARRAM, M.D. Examination By Mr. Walker121 Further Examination By Mr. Bentley142 EXHIBITS	1 A. Okay. 2 Q. All right. Doctor, when you began practicing 3 medicine, were you treating women who suffered from 4 prolapse? 5 A. Yes. 6 Q. How did you treat women, initially, who 7 suffered from prolapse?
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2 3 4 5 6	Page MICHAEL KARRAM, M.D. Examination By Mr. Walker121 Further Examination By Mr. Bentley142 EXHIBITS Page Exhibit 1 General Causation Report re:4	A. Okay. Q. All right. Doctor, when you began practicing medicine, were you treating women who suffered from prolapse? A. Yes. Q. How did you treat women, initially, who suffered from prolapse? A. It would depend on the type of prolapse they had and the symptoms that they had.
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2 3 4 5 6 7 8 9 10 11	Page MICHAEL KARRAM, M.D. Examination By Mr. Walker	A. Okay. Q. All right. Doctor, when you began practicing medicine, were you treating women who suffered from prolapse? A. Yes. Q. How did you treat women, initially, who suffered from prolapse? A. It would depend on the type of prolapse they had and the symptoms that they had. Q. Okay. And what were your available options, when you began practicing, to treat women who suffered from prolapse?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Page MICHAEL KARRAM, M.D. Examination By Mr. Walker	A. Okay. Q. All right. Doctor, when you began practicing medicine, were you treating women who suffered from prolapse? A. Yes. Q. How did you treat women, initially, who suffered from prolapse? A. It would depend on the type of prolapse they had and the symptoms that they had. Q. Okay. And what were your available options, when you began practicing, to treat women who suffered from prolapse? A. They were do nothing. Q. Okay. A. They were nonsurgical options, such as pessaries or other obstructive devices or support devices that you could use to correct their pelvic organ prolapse. There were surgical procedures. And that's it. Q. Okay. And those three options still exist today; isn't that correct? A. They do.

	Page 6		Page 8
1	what surgical options did you employ to treat women who	1	Q. Did you ever use Prolift+M, when it was
2	suffered from prolapse?	2	available?
3	A. I used traditional repairs. I used	3	A. I did not.
4	obliterative repairs. I used sacrocolpopexies. I used	4	Q. Was there a reason why you didn't use any of
5	native tissue repairs and some augmented repairs with	5	the meshes with an absorbable component?
6	let me think back when did I start practice, '84	6	A. I was having great results with the mesh that
7	mostly with porcine, bovine, or other biologic materials	7	I was using, and so I didn't see a need for it.
8	to augment repairs.	8	Q. Were the meshes with an absorbable component
9	Q. Okay. And then, today, the Prolift is no	9	available to you?
10	longer available; is that correct?	10	A. They were.
11	A. That's correct.	11	Q. All right. Let's go back to when you began.
12	Q. Okay. So, in your practice today, what	12	So, initially, these synthetic meshes weren't
13	surgical procedures do you use to treat women who suffer	13	available, and then at some point in your career the
14	from prolapse?	14	synthetic meshes became available for prolapse repair;
15	A. The same procedures that I just described.	15	is that correct?
16	Q. Do you still employ all	16	A. That's fair.
17	A. Plus	17	Q. Okay. And you went from using traditional
18	Q. I'm sorry.	18	obliterative SSC native augmented repairs, and then at
19	A. Plus, I use augmented synthetic mesh	19	some point Gynecare presented the Gynemesh PS; is that
20	procedures where I cut the mesh, individually, for the	20	correct?
21	procedure that or the defect that I'm repairing.	21	A. That's correct.
22	Q. What kind of synthetic mesh do you use today,	22	Q. Okay. Was that the first synthetic mesh that
23	for your augmented repairs?	23	you used to treat prolapse?
24	A. Most of it is polypropylene.	24	A. Yes, I think it was. Yeah.
	Page 7		Page 9
1	Q. Okay. And who makes that?	1	Q. And that was a similar situation, where you
2	A. There are different companies. Gynecare	2	would take a mesh and cut it yourself for the procedure
3	or Ethicon makes it. Coloplast has one. Bard has some.	3	that you were performing; is that correct?
4	Boston Scientific has some.	4	A. That's correct.
5	Q. Do you have a preference for any one of those	5	Q. Okay. When you would cut a Gynecare Gynemesh
6	polypropylene meshes as opposed to another?	6	PS mesh for your specific procedure, would you agree
	A. It depends on the type of procedure I'm doing		18 mesh for your specime procedure, would you agree
7	A. It depends on the type of procedure 1 in doing	7	that the total amount of mesh you were using was less
7 8	and the defect that I'm repairing.	7 8	
			that the total amount of mesh you were using was less
8	and the defect that I'm repairing.	8	that the total amount of mesh you were using was less than what would be used in a Prolift total repair?
8 9	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in	8 9	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on
8 9 10	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of	8 9 10	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or
8 9 10 11	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using?	8 9 10 11	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the
8 9 10 11 12	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh.	8 9 10 11 12	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to
8 9 10 11 12 13	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS?	8 9 10 11 12 13	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift.
8 9 10 11 12 13 14	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS? A. PS, yes. Sorry.	8 9 10 11 12 13 14	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift. Q. Okay. And with your typical repair, would it
8 9 10 11 12 13 14	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS? A. PS, yes. Sorry. Q. And that's Prolene Soft	8 9 10 11 12 13 14 15	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift. Q. Okay. And with your typical repair, would it be less mesh, using the Gynemesh PS versus a Prolift
8 9 10 11 12 13 14 15	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS? A. PS, yes. Sorry. Q. And that's Prolene Soft A. Yes.	8 9 10 11 12 13 14 15 16	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift. Q. Okay. And with your typical repair, would it be less mesh, using the Gynemesh PS versus a Prolift total repair?
8 9 10 11 12 13 14 15 16	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS? A. PS, yes. Sorry. Q. And that's Prolene Soft A. Yes. Q correct?	8 9 10 11 12 13 14 15 16	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift. Q. Okay. And with your typical repair, would it be less mesh, using the Gynemesh PS versus a Prolift total repair? A. It would depend on the anatomical
8 9 10 11 12 13 14 15 16 17	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS? A. PS, yes. Sorry. Q. And that's Prolene Soft A. Yes. Q correct? A. Yes.	8 9 10 11 12 13 14 15 16 17 18	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift. Q. Okay. And with your typical repair, would it be less mesh, using the Gynemesh PS versus a Prolift total repair? A. It would depend on the anatomical abnormality.
8 9 10 11 12 13 14 15 16 17 18	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS? A. PS, yes. Sorry. Q. And that's Prolene Soft A. Yes. Q correct? A. Yes. Q. Have you had any experience using meshes with	8 9 10 11 12 13 14 15 16 17 18 19	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift. Q. Okay. And with your typical repair, would it be less mesh, using the Gynemesh PS versus a Prolift total repair? A. It would depend on the anatomical abnormality. Q. So using the with that understanding, using the Prolift, were there some situations where you didn't have enough mesh to accommodate the defect?
8 9 10 11 12 13 14 15 16 17 18 19 20	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS? A. PS, yes. Sorry. Q. And that's Prolene Soft A. Yes. Q correct? A. Yes. Q. Have you had any experience using meshes with a partially absorbable component?	8 9 10 11 12 13 14 15 16 17 18 19 20	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift. Q. Okay. And with your typical repair, would it be less mesh, using the Gynemesh PS versus a Prolift total repair? A. It would depend on the anatomical abnormality. Q. So using the with that understanding, using the Prolift, were there some situations where you
8 9 10 11 12 13 14 15 16 17 18 19 20 21	and the defect that I'm repairing. Q. With respect to Gynecare synthetic meshes, in your practice today, do you have an understanding of what specific mesh it is you're using? A. It's Gynemesh. Q. Gynemesh PS? A. PS, yes. Sorry. Q. And that's Prolene Soft A. Yes. Q correct? A. Yes. Q. Have you had any experience using meshes with a partially absorbable component? A. I have not.	8 9 10 11 12 13 14 15 16 17 18 19 20 21	that the total amount of mesh you were using was less than what would be used in a Prolift total repair? A. Not necessarily, because it would depend on the size of a prolapse. If you have a big prolapse or what we call a complete procidentia, where they have the entire vaginal vault everting out, that's going to require probably more mesh than a Prolift. Q. Okay. And with your typical repair, would it be less mesh, using the Gynemesh PS versus a Prolift total repair? A. It would depend on the anatomical abnormality. Q. So using the with that understanding, using the Prolift, were there some situations where you didn't have enough mesh to accommodate the defect?

	Page 10		Page 12
1	A. And the larger the prolapse, the more surface	1	be?
2	area you have to cover.	2	A. It's a little lighter weight.
3	Q. Okay. So you started using synthetic meshes	3	Q. And it has a different weave?
4	that were made by Gynecare, which was the Gynemesh PS;	4	A. Weave.
5	and then, after that, did you subsequently transition	5	Q. Do you find that
6	into another mesh product?	6	MR. WALKER: I'm sorry to interrupt. But
7	A. I've used other mesh products, but mostly	7	just so the record's clear, can the doctor specify
8	kits.	8	which is the lighter weight?
9	Q. Okay.	9	MR. BENTLEY: Oh, sure.
10	A. Okay?	10	BY MR. BENTLEY:
11	Q. And what was the first kit you used?	11	Q. Do you have an understanding of the
12	A. Prolift.	12	differences between the Gynecare Gynemesh PS, and the
13	Q. Prolift. And when did that become available,	13	Gynecare Prolene that's used in the TVT family of
14	if you remember?	14	products, Doctor?
15	A. I think it was around 2006 or 2007.	15	A. Yes, I do.
16	Q. Okay. And did you use any mesh kits made by	16	Q. And what is that?
17	other companies?	17	A. The TVT product is a little heavier weight
18	A. Prior to Prolift?	18	mesh.
19	Q. Or yes, prior to Prolift.	19	Q. Okay. And the Prolene mesh that's used in
20	A. No.	20	the TVT products has been around for a longer time than
21	Q. After Prolift became available, did you use	21	the Gynecare Gynemesh PS; correct?
22	any other mesh kits made by other companies?	22	A. That's correct.
23	A. Yes.	23	Q. Okay. So once you started using the Gynecare
24	Q. Okay. And what kits did you use?	24	Prolift kit, then you subsequently also used the kits
	Page 11		Page 13
			rage 13
1	A. I've used Apogee and Perigee.	1	made by AMS; is that correct?
1 2	A. I've used Apogee and Perigee.Q. Okay. And who makes those?	1 2	
	Q. Okay. And who makes those?A. That was American Medical Systems.	1	made by AMS; is that correct?
2	Q. Okay. And who makes those?	2	made by AMS; is that correct? A. That's correct.
2	Q. Okay. And who makes those?A. That was American Medical Systems.	2 3	made by AMS; is that correct? A. That's correct. Q. Did you have a preference for either of
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	Page 14		Page 16
1	the Prolift was necessarily the best surgical product	1	A. We read the IFUs. We read some company
2	for every patient?	2	literature. But at the case, itself, no, no videos; it
3	A. I would agree with that statement, yes.	3	was all live.
4	Q. There are some situations where you thought	4	Q. So you watched a video prior to attending the
5	it was more appropriate, maybe, to use another mesh kit	5	live surgery
6	to treat the prolapse; is that fair?	6	A. Um-hmm.
7	A. Or more appropriate to even use a native	7	Q correct?
8	tissue repair.	8	A. Um-hmm.
9	Q. Thank you.	9	Q. And then did you attend the live surgery led
10	So from the time when you began using the	10	by a preceptor?
11	Prolift and then you began also using the AMS kits, did	11	A. Yes.
12	you begin using any other surgical kits made by	12	Q. Okay. And how many of those live surgeries
13	manufacturers to treat prolapse?	13	did you attend?
14	A. I never used the Boston Scientific and I	14	A. I think, that day, he did three.
15	never used the Bard. So Avaulta, no; and Pinnacle and	15	Q. Three. And then, after observing those three
16	Uphold, no. So I think that was all of them.	16	surgeries, you then began using the Prolift yourself?
17	Q. Okay. And did you	17	A. That's correct.
18	A. If you have another one, you can give me the	18	Q. Okay. Did you attend any follow-up training,
19	name, and I'll tell you if I used it or not. But I	19	after that initial training on Prolift?
20	don't know of any.	20	A. For myself, personally? No. But I attended
21	Q. Okay. So then and then, today, as we	21	conferences and was a proctor in a lecture and other
22	previously discussed, the Prolift is no longer	22	Ethicon courses, yes.
23	available; correct?	23	Q. Okay. So you taught other Ethicon courses?
24	A. Correct.	24	A. That's correct.
	Page 15		Page 17
1	Q. Okay. From the time when you began using the	1	Q. Did you teach the Prolift procedure?
2	Prolift and sometimes the AMS products, did you continue	2	A. Yes.
3	using those surgical kits through the time when the	3	Q. Approximately how many times did you teach
4	Prolift was no longer available?	4	the Prolift procedure?
5	A. Yes.	5	A. I would say we probably did I, myself, did
6	Q. Okay. Did you receive any Prolift-specific	6	probably 10 to 15.
7	training?	7	Q. And over how many years would you say that
8	A. I did.	8	was?
9	Q. Where was this training at?	9	A. Probably about three or four.
10	A. Reading, Pennsylvania.	10	Q. Doctor, in your report, is it fair to say
11	Q. And that was put on by Ethicon?	11	that your opinions are based on your training,
12	A. It was put on by Ethicon. That's correct.	12	experience, and review of the medical literature?
13	Q. And do you recall how many days that training	13	A. Yes, and education.
14	was?	14	Q. And education?
15	A. It was two days.	15	A. Yeah.
	Q. Two days. Two full days of training?	16	Q. With the AMS Elevate product, did you feel
16	A One might and one full day of training	17	there is any advantage to not having the external trocar
16 17	A. One night and one full day of training.	1	passers?
	One right and one full day of training. Okay. And that would have involved a cadaver	18	1
17		18 19	A. No.
17 18	Q. Okay. And that would have involved a cadaver		-
17 18 19	Q. Okay. And that would have involved a cadaver portion?	19	A. No.
17 18 19 20	Q. Okay. And that would have involved a cadaver portion?A. Actually, no. It was on live patients.	19 20	A. No.Q. Do you have an understanding of how many
17 18 19 20 21	Q. Okay. And that would have involved a cadaver portion?A. Actually, no. It was on live patients.Q. Okay. Did you watch a video component in the	19 20 21	A. No. Q. Do you have an understanding of how many Prolift procedures you've performed?

5 (Pages 14 to 17)

	Page 18		Page 20
1	Q. And do you have an understanding of how many	1	A. It's gotten more busier.
2	prolapse procedures you performed with the AMS products?	2	Q. Okay. In your practice, do you treat
3	A. Probably maybe 50 to 75.	3	patients suffering from complications related to
4	Q. So is it fair to say that the total number of	4	mesh-based products?
5	mesh kits you've used to treat prolapse is 250 to 375,	5	A. I do.
6	if my math is correct?	6	Q. Do you treat patients suffering from
7	A. Something in that neighborhood.	7	complications after being implanted with the Prolift
8	Q. Okay. And then, do you have an understanding	8	product?
9	of how many prolapse procedures you've done using	9	A. I do.
10	synthetic mesh not sold in a kit?	10	Q. What percent of your practice would you
11	A. That would probably be going back early in my	11	estimate is related to treating mesh-based
12	career. I'd say, probably in the neighborhood of,	12	complications?
13	again, two or three hundred, maybe even more.	13	A. Now, this does include slings; right? Yeah.
14	Q. In your practice today, do you have an	14	MR. WALKER: I'm going to object to the form.
15	estimate of in what percentage of the surgeries you	15	A. Oh, okay. I would say, in the neighborhood
16	perform to treat prolapse you use a synthetic mesh	16	of five to eight percent, maybe.
17	implant?	17	Q. Okay. So, Doctor, is it fair to say that
18	A. Today?	18	five to eight percent of your practice, you treat women
19	Q. Yes.	19	suffering from mesh-based complications? Is that fair?
20	A. Less than five percent.	20	MR. WALKER: Object to form.
21	Q. And do you have an estimate, today, as to how	21	A. I think that's an estimate, yes.
22	many surgeries you perform, on an annual basis, to treat	22	Q. Okay. Then, Doctor, do you have an
23	women suffering from prolapse?	23	understanding as to what percent of your practice is you
24	A. Well, my practice is completely pelvic	24	treating women suffering from mesh-based complications
	Page 19		- 01
	1496 17		Page 21
1	well, pelvic floor urogynecology. So if you're	1	Page 21 from a prolapse repair?
1 2	_	1 2	
	well, pelvic floor urogynecology. So if you're		from a prolapse repair?
2	well, pelvic floor urogynecology. So if you're considering slings in that, too or, no, just	2	from a prolapse repair? MR. WALKER: Object to form.
2	well, pelvic floor urogynecology. So if you're considering slings in that, too or, no, just Q. Just prolapse. A prolapse? I would say 80 percent of my practice would	2	from a prolapse repair? MR. WALKER: Object to form. A. I would say it's probably less. In the
2 3 4	well, pelvic floor urogynecology. So if you're considering slings in that, too or, no, just Q. Just prolapse. A prolapse? I would say 80 percent of my practice would be 80 to 90 percent of my practice would be that.	2 3 4	from a prolapse repair? MR. WALKER: Object to form. A. I would say it's probably less. In the neighborhood of maybe two to three percent or less
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6 (Pages 18 to 21)

	Page 22		Page 24
1	MR. WALKER: Thank you. Sorry.	1	BY MR. BENTLEY:
2	BY MR. BENTLEY:	2	Q. Right.
3	Q. Are you referred women who have been	3	A. So if you're asking if a patient came in to
4	implanted with the Prolift product by another doctor and	4	me, what would my what would I be the most happy with
5	they're referred to you to treat the complication?	5	taking care of? An obliterative procedure, because it
6	A. That's usually how it comes, yes.	6	takes care of the problem and it's an hour procedure and
7	Q. And, likewise, you may have implanted a woman	7	everybody's happy.
8	with a Prolift product, and she may seek a referral to	8	Q. Okay. That's fair.
9	another doctor to be treated for a complication; is that	9	A. But it depends on the situation.
10	fair?	10	Q. Okay.
11	A. That's fair.	11	A. Every clinical situation, usually, is very
12	Q. And you might not necessarily know that she	12	unique to the individual and her anatomy, and it depends
13	went and saw another doctor for a complication; is that	13	on what her complaints are.
14	fair?	14	Q. Right.
15	A. That's true.	15	A. And then you tailor the treatment based on
16	Q. Okay. Doctor, have you ever reported an	16	that.
17	adverse event to the FDA, when you've treated a woman	17	Q. It's fair to say, the obliterative procedure
18	that suffered from a complication from the Prolift	18	is probably not the most common procedure to treat
19	device?	19	prolapse?
20	MR. WALKER: Object to form.	20	A. It's not, but you sure wish it was. But
21	A. I have not personally reported anything to	21	you're right. No, it's usually an elderly lady who's
22	the FDA or the MAUDE database, no.	22	not sexually active and it's more of a sanitary issue
23	Q. And would that include your office; your	23	than anything else.
24	office, on your behalf, hasn't reported to the FDA MAUDE	24	Q. When the Prolift kits were available, do you
	, , , ,		Q
	Page 23		
	1490 23		Page 25
1	database?	1	Page 25 have an understanding of what percentage of your
1 2		1 2	
	database?		have an understanding of what percentage of your
2	database? A. Not directly, no.	2	have an understanding of what percentage of your surgeries to treat prolapse you used Prolift for?
2	database? A. Not directly, no. Q. And that's not just limited to Prolift. In	2 3	have an understanding of what percentage of your surgeries to treat prolapse you used Prolift for? A. When I started using Prolift and first in
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Page 28 Page 26 1 O. Do you have good results with native tissue 1 procedure? 2 2 A. Well, if somebody came in and they were a 3 3 A. It depends on the procedure. It depends on recurrent prolapse, I would say, your native tissue 4 the procedure and the anatomy that we're dealing with. 4 repair that Dr. So-and-So did was not effective; you had 5 Q. So is that a yes? 5 a failure; and if we do another native tissue repair, 6 A. Yes. 6 the likelihood is you're going to have another failure; 7 7 Q. Do you have an understanding as to what but we have a product available that's a mesh-based 8 percentage of your patients you treat with native tissue 8 product, and I've had good results in my hands, and I 9 9 repair have to undergo a repeat operation because that think she'd be a great candidate for this. And then she 10 10 initial procedure didn't work for the prolapse repair? would ask me questions, and we would discuss the issue 11 A. I don't. I don't have a percentage, no. 11 and come up with a plan of action. Q. How long would you typically follow up with a 12 Q. So you would inform the patient that the 12 13 patient after you'd implanted a Prolift product? 13 Prolift product could be favorable in a situation where 14 A. I would see them back at two weeks, four 14 a previous surgery may not have had a successful outcome 15 15 weeks, six weeks; and then I would see them back at six to treat prolapse; is that fair? 16 A. That would be one, yes. 16 months and a year; and then, thereafter, if they were 17 17 Q. So, Doctor, in your eyes, you viewed a doing fine and not having any problems, I would see them 18 back yearly. 18 favorable patient for the Prolift as a patient who is 19 Q. Do you have an understanding as to whether 19 maybe high risk or had failed at a previous surgery; is 20 20 that fair? Prolift complications can arise after the one year? 21 21 A. I'm sure they can. A. That would be one, yes. 22 Q. Did you experience that with any of your 22 Q. Were there any other benefits you would 23 23 patients? describe to a patient, when you're undergoing the 24 24 A. There were a few, yes. informed-consent process discussing whether or not to Page 27 Page 29 1 O. Have you read any literature that evidences 1 undergo a Prolift procedure? 2 women suffering from complications well past one year 2 A. The size of her prolapse. The larger the 3 3 size and the more advanced the stage, the less likely from their Prolift procedure? 4 4 she was going to get a really good repair with a native MR. WALKER: Object to form. 5 5 A. I have. And I have also seen patients like tissue repair. 6 6 that from other physicians, yes. Q. Okay. When you were discussing whether or 7 Q. When Prolift is available and you're talking 7 not to undergo a Prolift procedure with a patient in the 8 to your patients about the risks and benefits, that 8 informed consent, would you discuss some of the medical 9 would be a conversation between you and the patient to 9 literature with your patients? 10 10 make a joint decision; is that fair? A. I would give her my experience with it. And 11 A. That's fair. 11 then, I wouldn't actually cite specific medical 12 Q. Okay. And you, as a doctor, would be 12 literature --13 educating the patient as to the risks and benefits of 13 Q. Okay. 14 the product and the alternative procedures; is that 14 A. -- no. 15 15 correct? Q. Would you discuss the medical literature 16 A. That's correct. 16 might show a range of success rates, for example? 17 17 Q. And you'd want to give the patient as much A. I would say yes. Yes. 18 Q. Okay. So I'm guessing you never gave your 18 information as possible, so they can make an informed 19 decision as to whether or not to undergo that procedure 19 patients medical literature to take home with them? 20 versus another procedure; is that fair? 20 A. I did not. 21 21 MR. WALKER: Object to form. Q. Is it fair to say that you've stayed abreast 22 A. That's correct. 22 of the medical literature regarding Prolift, from when 23 Q. Okay. And what would you tell the patient, 23 you began using the product? specifically, were the benefits as to using the Prolift 24 A. I've tried, yes. 24

Page 32 Page 30 1 Q. Would you agree that some doctors don't have Q. I'm sorry. I didn't --2 time to review all the literature? 2 A. All right. Specifically to the mesh would be 3 3 MR. WALKER: Object to form. urinary tract injury, bowel injury, erosions, 4 A. It's tough to keep up with all the 4 extrusions, scarring, pelvic pain, dyspareunia, and the 5 literature, yes. That's correct. 5 possible need for another procedure to correct one of 6 Q. And would you agree that some doctors likely 6 those problems, if they did occur --7 7 aren't as knowledgeable about the Prolift literature as Q. And some --8 you might be, for example? 8 A. -- that would be specific to the Prolift. 9 9 Q. And sometimes there might actually be MR. WALKER: Object to form. 10 A. I'm sure there probably are people like that. 10 multiple procedures; is that fair? Q. And even you were in a special place, because 11 A. That's correct, yes. 11 you were actually proctoring for the Prolift procedure 12 Q. Would you discuss the frequency of any of 12 13 13 those risks, when you're performing the informed-consent for Ethicon; isn't that correct? 14 MR. WALKER: Object to form. 14 process with the patient? 15 A. That's correct. 15 A. I would. 16 Q. So you were probably well educated in the 16 Q. And where would you draw that frequency 17 medical literature regarding the Prolift, as compared to 17 information for those risks from? 18 some other doctors? 18 A. The medical literature available to us. And, 19 MR. WALKER: Object to form. 19 from the time it was available to now, obviously there's 20 20 Q. Is that fair? more medical literature than there was before. So... 21 Q. Would you discuss the severity of any of 21 A. I would hope so, yes. 22 Q. In the informed-consent process with a 22 those complications with your patient, when doing the 23 informed consent regarding a Prolift procedure? 23 patient, what risks would you discuss with your 24 A. It's hard to quantify "severity." I think 24 patients? Page 31 Page 33 1 A. I would tell them -any patient believes that when they have a complication, 1 2 MR. WALKER: And this is for Prolift; right? 2 it's severe, regardless of how minimal or how maximum it 3 3 is. So it's hard to quantify "severity." MR. BENTLEY: Yes. 4 A. Yeah. I would tell them that anytime you 4 Q. But you understand, some women have suffered 5 5 have surgery, you have anesthetic risks, risks of life-changing complications as a result of the Prolift 6 infection, hemorrhage, urinary tract injury, bowel 6 procedure; is that fair? 7 injury. Risks associated with synthetic mesh: Erosion, 7 MR. WALKER: Object to form. 8 extrusion, dyspareunia, pelvic pain, the possible need 8 A. I'd have to look at that case specifically. 9 for another procedure to correct these problems if they 9 I'm sure there are women that have had problems with the 10 10 procedure. But until I actually examined the -- you 11 Q. And you mentioned risks associated with a 11 know, the procedure or the patient's medical records and 12 mesh implant; is that fair? 12 saw exactly what happened and what took place, I can't 13 A. And I would also give them the same risks 13 really say that, you know, I know for a fact that there 14 with a native tissue repair. The only difference is, no 14 are people that have life-threatening complications 15 15 related to the Prolift. I can't say that. 16 Q. That's fine. Now I want to talk about the 16 Q. You haven't read medical literature 17 mesh complications --17 discussing women that had serious complications after a A. Okay. 18 18 Prolift procedure? 19 Q. -- specifically. 19 A. I've read literature that have complications. 20 A. Okay. 20 And, like I said, everybody considers a complication 21 Q. What complications, related to the mesh 21 serious. But I've also seen those patients, and we've 22 implant specifically, would you discuss with your 22 managed those patients and they've done fine and they 23 patients? 23 don't have any long-lasting, life-threatening -- or 2.4 A. I thought I just told you that. 24 life-changing complications. They go about their

	Page 34		Page 36
1	business and they live a normal life.	1	discuss women who have had to undergo repeated multiple
2	Q. Just so I'm clear	2	surgeries to treat complications related to Prolift,
3	A. Yes.	3	that you would prefer to use in this deposition, Doctor?
4	Q it's your opinion that some women might	4	MR. WALKER: Object to the form.
5	have a complication, but they don't have life-altering	5	A. I would just like to say they've had multiple
6	complications?	6	procedures to deal with multiple complications.
7	MR. WALKER: Object to form.	7	Q. Okay.
8	A. How do you define "life-altering"?	8	A. Okay?
9	Q. Doctor, are there attendant risks with any	9	Q. Doctor, we discussed some complications that
10	surgery?	10	you feel were unique to mesh. And I wanted to see,
11	A. Absolutely.	11	would you agree that contraction of mesh is a unique
12	Q. And so, if you're subjecting a woman to	12	complication to mesh implants?
13	multiple repeat surgeries to repair a complication	13	MR. WALKER: Object to form.
14	related to Prolift, do you think that's important?	14	A. I don't agree that mesh contracts.
15	A. I think that's important. That's correct.	15	Q. That wasn't exactly my question. It might be
16	Q. Do you think she would consider that serious?	16	a bad question.
17	A. She considers the first complication serious.	17	But
18	MR. WALKER: Object to the form of the	18	A. Okay.
19	question.	19	Q absent mesh implant, can you have
20	Q. And each time you're adding on another	20	contraction of mesh? Obviously not; right?
21	procedure, that increases the risks associated with it;	21	MR. WALKER: Object to form.
22	isn't that fair?	22	A. If you say mesh contracts when it goes in the
23	A. Not necessarily. It depends on the procedure	23	bodies, and that's your opinion, and you don't put mesh
24	you're doing and how good you perform the procedure.	24	in the body, yes, it won't contract.
	Page 35		Page 37
1	Q. There's not increased risk with each	1	MR. BENTLEY: I want to strike that as
2	subsequent pelvic surgery?	2	nonresponsive.
3	A. Well, these aren't pelvic surgeries; they're	3	BY MR. BENTLEY:
4	vaginal surgeries.	4	Q. And we'll look at some literature.
5	Q. It's in the pelvis; right?	5	So it's your opinion that mesh contraction
6	MR. WALKER: Object to the form.	6	doesn't exist?
7	A. It's outside the pelvis. The pelvis is above	7	A. It's my opinion that the body incorporates in
		l .	
8	the pelvic floor. This is below the pelvic floor.	8	the mesh and the actual fibrosis of the incorporation
9	Q. So it's your opinion that additional	9	the mesh and the actual fibrosis of the incorporation causes contraction. But I don't
9 10	Q. So it's your opinion that additional surgeries carry no increased risk?	9	the mesh and the actual fibrosis of the incorporation causes contraction. But I don't MR. BENTLEY: Appreciate that. I'm going to
9 10 11	Q. So it's your opinion that additional surgeries carry no increased risk?A. No, I didn't say that. I think additional	9 10 11	the mesh and the actual fibrosis of the incorporation causes contraction. But I don't MR. BENTLEY: Appreciate that. I'm going to strike that as nonresponsive.
9 10 11 12	Q. So it's your opinion that additional surgeries carry no increased risk? A. No, I didn't say that. I think additional surgery every time you do a surgery, there is more	9 10 11 12	the mesh and the actual fibrosis of the incorporation causes contraction. But I don't MR. BENTLEY: Appreciate that. I'm going to strike that as nonresponsive. And, with all due respect, Doctor, we have
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any mesh contraction.		Page 40
	1	from bunched mesh?
Q. And that's your opinion?	2	MR. WALKER: Object to form.
A. That's in the medical literature.	3	A. Yes.
Q. Okay. Is it your opinion that mesh does not	4	Q. And what happens when the mesh becomes
become bunched up once it's implanted?	5	bunched, after a Prolift procedure?
MR. WALKER: Object to form.	6	A. It rolls in on itself because it probably
A. That's correct.	7	wasn't placed correctly.
Q. And it's your opinion that the medical	8	Q. Okay. And that can lead to pain?
literature does not reference and evidence mesh becoming	9	A. That can lead to pain, yes.
bunched up once it's implanted?	10	Q. And that can lead to removal of the mesh?
A. Mesh can become bunched up, but it's at the	11	A. Yes.
time of implantation, not later on.	12	Q. Which can be an invasive procedure?
Q. Is it your opinion that mesh retraction	13	A. Correct.
happens after implantation?	14	Q. And lead to
A. What's your definition of "mesh retraction"?	15	A. And, well, sometimes.
Q. Is it your opinion, Doctor, that the medical	16	Q. Okay.
literature does not document mesh retraction related to	17	A. And sometimes it can be noninvasive, if you
Prolift implants?	18	consider using nonsurgical methods, which can help, or
A. How are you defining "retraction"?	19	noninvasive medicine or techniques, where you use
Q. If you'd just please answer my question,	20	remove it in the office.
Doctor.	21	I don't know if you would consider that
A. I don't have an answer to that, because I	22	invasive. I don't.
don't know what you mean by "retraction." Does it	23	Q. All right. Sometimes bunched mesh can lead
Q. I'm not that's not my my turn, Doctor.	24	to multiple removal surgeries; isn't that true?
Dago 20		
Faur 19		Dago 41
	1	Page 41
My question, specifically: In your opinion,	1 2	A. That's correct.
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	Page 42		Page 44
1	Q. Okay. Do you have an understanding as to	1	not important to my opinions.
2	what a 522 order is?	2	Q. I don't understand.
3	A. Yes.	3	It would be important to your opinions here
4	Q. Could you describe that, please?	4	or
5	A. It's a more extensive trial to get a product	5	A. But yeah. But it doesn't change my
6	approved by the FDA.	6	opinion of the procedure, the device, and the
7	Q. And you've previously testified you're not a	7	indications, and the use of it.
8	regulatory expert; right?	8	Q. It might impact your opinions regarding the
9	A. That is not that's correct, I'm not a	9	medical literature, but it wouldn't impact your opinions
10	regulatory expert.	10	regarding your personal experience; is that fair?
11	Q. And that's true today; right?	11	A. Yeah, that's fair.
12	A. That's true, today, absolutely.	12	Q. Would you like to see that analysis, if it
13	Q. Doctor, in reaching your opinions today, is	13	existed?
14	the FDA's analysis of the studies regarding the safety	14	A. An FDA analysis of Prolift?
15	and the efficacy of the Prolift device are those	15	Q. I'm sorry. That was a bad question.
16	is that analysis of those studies important to you?	16	A. Okay.
17	A. It is.	17	Q. That's fair.
18	Q. Do you think the FDA has scientists and	18	If the FDA did undertake an analysis of the
19	epidemiologists that are highly qualified to look at	19	medical literature, regarding the safety and efficacy of
20	that type of data?	20	Prolift, and concluded that it was insufficient, would
21	A. I'm sure they do.	21	you have liked to have seen that analysis
22	Q. And if the FDA reviewed the literature and	22	MR. WALKER: Object to form.
23	came to a conclusion that the safety and effectiveness	23	Q in preparing your report here?
24	of Prolift had not been reached through that literature,	24	A. If that analysis existed, yes.
	Page 43		Page 45
			1490 13
1	would that be important to you?	1	Q. Because it might inform your opinions
1 2	MR. WALKER: Object to form.	1 2	Q. Because it might inform your opinions regarding the medical literature here; right?
			Q. Because it might inform your opinions
2	MR. WALKER: Object to form. A. It would. Q. Would you agree that the FDA's viewpoints as	2	Q. Because it might inform your opinions regarding the medical literature here; right? MR. WALKER: Object to form. A. Possibly.
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2 3 4 5 6 7 8	MR. WALKER: Object to form. A. It would. Q. Would you agree that the FDA's viewpoints as to whether there's a need for more rigorous studies regarding the safety and efficacy of Prolift is that	2 3 4 5 6	Q. Because it might inform your opinions regarding the medical literature here; right? MR. WALKER: Object to form. A. Possibly. Q. Okay. So, Doctor, is it your testimony, today, that you don't know whether or not the FDA did
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Page 46 Page 48 1 from a financial and economic standpoint, they can't do 1 Q. Okay. And was it important for you to 2 2 approach the issues in a fair and balanced way, to give 3 Q. But you don't know, because you haven't 3 a full picture of the important data? 4 reviewed --4 MR. WALKER: Object to form. 5 A. I don't know. 5 A. I tried, yes. 6 Q. -- those documents? 6 Q. Because that's important to you, as being an 7 7 A. Yeah, I don't know. objective expert; right? 8 8 Q. So would you have liked to be able to review A. That's correct. 9 9 those documents demonstrating the process and the Q. And would you agree that it was your 10 discussions, to see the full context of why the Prolift 10 obligation to give both sides of the story, to the 11 was pulled from the market? 11 extent both sides of the story were presented in an 12 MR. WALKER: Object to form. 12 article? 13 A. I don't think it really matters. I mean, 13 MR. WALKER: Object to form. 14 they have to make a decision as a company. Other 14 15 Q. You wouldn't want to cherry-pick only 15 companies made a decision to move forward with their 16 16 favorable evidence from an article or ignore data that's mesh products and to go ahead and do the randomized 17 17 control trials. And companies are doing that. contrary to your opinion? 18 So, you know, to me, it's a company decision; 18 A. No, definitely not. 19 it's not -- it really doesn't have any relevance or --19 Q. Because that wouldn't be objective; right? 20 on my decisions or my opinions. 20 A. Correct. 21 Q. Do you know if -- I probably know the answer. 21 Q. Doctor, in forming your opinions regarding 22 But do you know if Ethicon tried to convince 22 the Prolift device, did you rely on TVT data to form any 23 the FDA to accept studies that already existed, rather 23 of your opinions regarding the safety and efficacy of 24 than doing new studies, as requested by the FDA? 24 Prolift? Page 47 Page 49 1 MR. WALKER: Object to form. 1 A. Only in the sense of cytotoxicity, 2 A. I don't know if that happened. But I know 2 carcinogenesis, and some of the other products that are 3 3 mesh products that plaintiffs are saying cause problems. that's pretty standard in the industry. When the FDA 4 4 Q. So you're only relying upon TVT literature asks for more information, then companies go back and 5 say, well, we have more information, look at these 5 regarding cytotoxicity and carcinogenesis? 6 studies, review this, and things like that. So -- but 6 A. I'll tell you -- no. I'll tell you exactly 7 I'm not --7 what I'm relying on. 8 8 Q. I'm sorry. It would be degradation and particle loss. 9 A. Yeah, go ahead. 9 It would be pore size and weight; malignant potential of 10 10 mesh; biocompatibility of mesh. And that's it. Q. And you testified that other companies, in 11 11 fact, did do more studies; isn't that fair? Q. Cytotoxicity, carcinogenesis, degradation, 12 12 A. Well, actually, AMS started to, and then they pore size and weight. And what was the last --13 13 pulled out. A. Biocompatibility of mesh. 14 Q. Okay. 14 Q. Okay. Doctor, you previously testified that 15 15 the TVT Prolene mesh is a different weave as compared to A. So they do not have their 522 on Elevate 16 anymore, it's gone; and they don't have their capture 16 the Gynecare Gynemesh PS; isn't that correct? 17 17 study, it's gone. It's a heavier mesh, yes. 18 Q. Because it has a different weave; isn't that 18 Q. Doctor, you don't hold yourself out as an 19 expert in epidemiology, do you? 19 correct? 20 20 A. Um-hmm. A. For sure not. 21 21 Q. When you cited data in your report from the Q. Which, necessarily, involves a different 22 medical literature, was it important to you to approach 22 amount of polypropylene filament that's woven together; 23 the issues in an objective fashion? 23 24 A. I'm not an expert, but I think so, yes. 24 A. It was.

	Page 50		Page 52
1	Q. Okay. And that means it's going to have a	1	Q. Okay. Do you know whether Ethicon internally
2	different pore construction or geometry; wouldn't you	2	thought the TVT data and studies should not be
3	agree with that?	3	considered, regarding Prolift?
4	A. It may change it, yes.	4	MR. WALKER: Object to form.
5	Q. If it has a different weave, obviously it's	5	A. I do not.
6	going to be a different	6	Q. Would you defer to Ethicon's viewpoint,
7	A. Correct.	7	regarding the construction of the mesh and what evidence
8	Q design; right?	8	is relevant?
9	A. Correct.	9	MR. WALKER: Object to form.
10	Q. And so it's going to as you said, it has a	10	A. I would.
11	different weight; right?	11	Q. If there were some analysis or documents that
12	A. Yes.	12	existed discussing those very issues, would you have
13	Q. Okay. So do you still think it's reliable to	13	liked to have seen those?
14	rely upon the TVT literature regarding pore size and	14	A. Yes.
15	weight, when you're looking at the safety and efficacy	15	Q. Because that could impact your opinions in
16	of the Prolift device?	16	your report; isn't that fair?
17	A. I think so.	17	A. Possibly, yes.
18	Q. Can you explain why you think a different	18	Q. Okay. Do you know whether the FDA thought
19	mesh with a different weave is relevant to the Prolene	19	that TVT data and studies should not be considered
20	mesh with a different weave, regarding pore size and	20	regarding the Prolift?
21	weight?	21	MR. WALKER: Object to form.
22	A. Well, because the pore size is macroporous	22	A. No, I don't.
23	and it's monofilament and it's a Type 1. And so, even	23	Q. Again, would you defer to the FDA's viewpoint
24	though it's a little heavier, it reacts the same.	24	on such matters?
	Page 51		Dago E2
			Page 53
1	Knitted mesh has a high porosity and just as I state	1	A. I would.
1 2		1 2	
	Knitted mesh has a high porosity and just as I state		A. I would.
2	Knitted mesh has a high porosity and just as I state here. So Q. So, to you, any knitted mesh made of polypropylene	2	A. I would.Q. And we discussed that the Prolift is no
2	Knitted mesh has a high porosity and just as I state here. So Q. So, to you, any knitted mesh made of	2 3	A. I would. Q. And we discussed that the Prolift is no longer available, but the TVT products are available on
2 3 4	Knitted mesh has a high porosity and just as I state here. So Q. So, to you, any knitted mesh made of polypropylene	2 3 4	A. I would. Q. And we discussed that the Prolift is no longer available, but the TVT products are available on the market still; right?
2 3 4 5	Knitted mesh has a high porosity and just as I state here. So Q. So, to you, any knitted mesh made of polypropylene A. Not necessarily. In these two it does. Q. Okay. And what analysis did you undertake to come to that conclusion, that the TVT literature	2 3 4 5	A. I would. Q. And we discussed that the Prolift is no longer available, but the TVT products are available on the market still; right? A. That's correct.
2 3 4 5 6	Knitted mesh has a high porosity and just as I state here. So Q. So, to you, any knitted mesh made of polypropylene A. Not necessarily. In these two it does. Q. Okay. And what analysis did you undertake to	2 3 4 5 6	A. I would. Q. And we discussed that the Prolift is no longer available, but the TVT products are available on the market still; right? A. That's correct. Q. Okay. And the TVT products use a different
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Knitted mesh has a high porosity and just as I state here. So Q. So, to you, any knitted mesh made of polypropylene A. Not necessarily. In these two it does. Q. Okay. And what analysis did you undertake to come to that conclusion, that the TVT literature regarding pore size and weight is relevant to the Prolene mesh I'm sorry, to the Prolene Soft mesh used in the Prolift device? A. The Prolift studies that ratify the mesh properties. Q. Can you identify what Prolift studies indicate that the TVT literature is relevant for these biomechanical A. Well, I don't think Q properties? A it's the TVT literature. It's the mesh used in synthetic slings. Q. Okay. And can you identify any studies, as you sit here today, that indicate the biomechanical properties of the TVT mesh is related to the Prolene	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. I would. Q. And we discussed that the Prolift is no longer available, but the TVT products are available on the market still; right? A. That's correct. Q. Okay. And the TVT products use a different weave, which is Prolene; correct? A. Correct. Q. Okay. Doctor, can you explain any of the biomechanical differences between the Prolene mesh used in the TVT and the Prolene Soft Gynemesh that's used in the Prolift? A. I really can't. I'm not a biomechanical Q. You would defer A engineer. Q to a biomechanical expert? A. Engineer, right. Q. And, likewise, you don't know the clinical impacts of those biomechanical differences, do you? A. Only in comparison to patients that I've treated with both of them. Q. Can you identify any evidence discussing or

	Page 54		Page 56
1	Gynemesh Prolene Soft?	1	discussed in your report; right?
2	A. I can't, no.	2	A. Correct.
3	Q. Would you agree that the TVT implant uses a	3	Q. Okay. And I'm not sure that would be even
4	much smaller piece of mesh, as compared to the Prolift	4	feasible, honestly.
5	mesh?	5	But how did you decide which articles to
6	A. Yes.	6	discuss in your report?
7	Q. Doctor, did you review any of the clinical	7	A. I guess I looked at the most scientific,
8	data regarding the Prolift product in those Ethicon	8	which would be the meta-analyses, the randomized control
9	internal documents that are on your reliance list?	9	trials, the trials that had large patient numbers, the
10	A. Any clinical data?	10	trials that were maybe done at one center or where you
11	Q. You have a number of articles listed in your	11	could rely on the fact that the procedures are
12	literature section; correct?	12	reproducible. But, yeah. But it is mainly the more
13	A. Right.	13	scientific ones, the meta-analyses and the randomized
14	Q. Okay.	14	control trials.
15	A. Right.	15	Q. So you tried to focus your review on Level 1
16	Q. And then, aside from that data, is there	16	evidence, which is meta-analyses or systematic reviews?
17	do you have any understanding that you reviewed any of	17	A. There you go.
18	the clinical data, aside from the publicly available	18	Q. Okay. And RTCs; is that fair?
19	stuff, that was provided to you from the internal	19	A. Correct.
20	Ethicon documents?	20	Q. Okay. And those are the studies you tried to
21	A. No.	21	discuss in your report, because you felt those were more
22	Q. Would you have liked to review any of the	22	informative on the issue as to the safety and efficacy
23	internal French TVM data, in reaching your opinions	23	of the Prolift device
24	here?	24	A. I think they
	Page 55		
1			Page 37
	A I've seen some of the TVM French meterial	1	O is that fair?
	A. I've seen some of the TVM French material.	1	Q is that fair?
2	So I've reviewed some of that.	2	A carry a higher weight, yes.
2	So I've reviewed some of that. Q. In the internal Ethicon documents or in the	2 3	A carry a higher weight, yes.Q. And you didn't deliberately decide not to
2 3 4	So I've reviewed some of that. Q. In the internal Ethicon documents or in the published literature?	2 3 4	A carry a higher weight, yes. Q. And you didn't deliberately decide not to cite studies in your report that were unfavorable to
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15 (Pages 54 to 57)

	Page 58		Page 60
1	A. That's correct.	1	And you begin, "There is no clinical
2	Q. It's your opinion, that you intend to offer	2	significance to claims of alleged particle loss and mesh
3	to the jury, that Ethicon adequately warned doctors	3	degradation over time."
4	regarding the complications of the Prolift device; is	4	So my question is, is there no degradation,
5	that correct?	5	or there's no clinical significance to the degradation
6	A. Yes.	6	that occurs?
7	Q. Okay. And you explain, on page 22, that one	7	A. It says there's no clinical significance.
8	of the bases for your opinions is that although you're	8	Q. Okay. So degradation does occur, but you
9	not a regulatory expert, you've reviewed 21 CFR 801.	9	believe there's no clinical significance to it?
10	Do you see that?	10	A. All the literature that I saw and I know
11	A. Yes.	11	and AUGS and SUFU have looked at this, and they feel
12	Q. Okay. And how did you come to review 21 CFR	12	that there's no clinical significance. I don't know if
13	801, Section 109?	13	there's any real degradation, but I do know there's no
14	A. I was looking for a some kind of a	14	clinical significance or my opinion is, no clinical
15	document to support the fact that any pelvic floor	15	significance.
16	surgeon that has experience in pelvic floor surgery,	16	(Exhibit 4 marked for identification.)
17	whether it's mesh or non-mesh, and he start he or she	17	BY MR. BENTLEY:
18	starts to use any kind of products, does the company	18	Q. Okay. I'm going to hand you what's being
19	have the responsibility to let them know of every	19	marked as Exhibit 4. And this is an article from Arnaud
20	possible complication, even if they don't know the	20	Clavé, entitled "Polypropylene as a reinforcement in
21	complications exist or that these are well-known	21	pelvic surgery is not inert: comparative analysis of 100
22	complications. And this is how I got to that document.	22	explants."
23	Q. Okay. And your reliance list actually	23	Do you see that?
24	reflects that you looked at that subsection, 109; right?	24	A. Yes.
	Page 59		Page 61
1	A. Yes.	1	Q. Okay. And are you familiar with this
2	(Exhibit 3 marked for identification.)	2	article?
3	BY MR. BENTLEY:	3	A. I think I've looked at it sometime in the
4	Q. Okay. I've just handed you what's been	4	past, yes.
5	marked as Exhibit 3. And this is actually the entire	5	Q. Okay. I'll represent to you that it's, in
6	A. Yes.		
		6	fact, on your reliance list.
7	Q CFR of that section.	6 7	A. Yes.
8	Q CFR of that section.A. Okay.	7 8	A. Yes.Q. And, just briefly, if you'll turn your
8 9	Q CFR of that section.A. Okay.Q. And so you're testifying, today, that you	7 8 9	A. Yes. Q. And, just briefly, if you'll turn your attention to page 265, in the top right.
8 9 10	Q CFR of that section.A. Okay.Q. And so you're testifying, today, that you reviewed this entire CFR, not being a regulatory expert,	7 8 9 10	A. Yes.Q. And, just briefly, if you'll turn your attention to page 265, in the top right.A. Okay.
8 9 10 11	 Q CFR of that section. A. Okay. Q. And so you're testifying, today, that you reviewed this entire CFR, not being a regulatory expert, and honed in on, this is the applicable regulatory 	7 8 9 10 11	 A. Yes. Q. And, just briefly, if you'll turn your attention to page 265, in the top right. A. Okay. Q. You can see, there are pictures in two
8 9 10 11 12	 Q CFR of that section. A. Okay. Q. And so you're testifying, today, that you reviewed this entire CFR, not being a regulatory expert, and honed in on, this is the applicable regulatory requirement for labeling; is that 	7 8 9 10 11 12	A. Yes. Q. And, just briefly, if you'll turn your attention to page 265, in the top right. A. Okay. Q. You can see, there are pictures in two columns; and, on the left, it says "Intact," and on the
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8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q CFR of that section. A. Okay. Q. And so you're testifying, today, that you reviewed this entire CFR, not being a regulatory expert, and honed in on, this is the applicable regulatory requirement for labeling; is that A. I did not read the whole thing. Q. Okay, thank you. MR. WALKER: Does that save you some time? Q. Doctor, you've testified that you do not believe that that polypropylene and Prolene Soft mesh degrades over time; is that correct? A. That's correct. Q. Okay. And if you could turn your attention to page 27 in your report A. Right.	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Yes. Q. And, just briefly, if you'll turn your attention to page 265, in the top right. A. Okay. Q. You can see, there are pictures in two columns; and, on the left, it says "Intact," and on the right, it says "Degraded"? A. Okay. Q. Do you see that? A. I do. Q. Okay. And it appears those are zoomed-in photos, using scientific equipment to evaluate whether or not there's degradation, and they've listed those photos as "Degraded." Do you see that? A. I see that.
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	Page 62		Page 64
1	or we'll read the conclusions.	1	today?
2	It says, "This is the first study to evaluate	2	A. No, other than understand that it's from
3	synthetic implants using a vaginal approach for pelvic	3	explanted complicated patients, yes no.
4	floor reinforcement. This study provides evidence	4	Q. And, in your report, you don't provide any
5	contrary to published literature characterizing	5	reason or description of why you discounted this
6	polypropylene (PP) as inert in such applications."	6	evidence; is that correct?
7	Did I read that correct?	7	A. Because it was explanted complicated
8	A. Yes.	8	patients. That's why.
9	Q. Okay. So these authors in this article,	9	MR. BENTLEY: I'm going to move to strike as
10	Arnaud Clavé, that's on your reliance list, conclude	10	nonresponsive.
11	that there's actually evidence of degradation; is that	11	BY MR. BENTLEY:
12	fair?	12	Q. Doctor, in your report, do you provide any
13	MR. WALKER: Object to form.	13	analysis or criticism of this article?
14	A. It says that they show, on these photos,	14	A. Yes.
15	degradation in patients who have had explanted	15	Q. In your report, what page do you cite
	polypropylene due to complications of the polypropylene,	16	A. Oh. I don't no, I don't. In my opinion,
16		17	A. On. I don't no, I don't. In my opinion, I do.
17	yes.	1	
18	Q. Okay. And Prolift is made from a Prolene	18	Q. Okay. So let me just
19	mesh, right; it uses a polypropylene?	19	A. Okay.
20	A. Yes.	20	Q rephrase it.
21	Q. And so what they're discussing is directly on	21	A. Okay.
22	point to the question here of whether or not degradation	22	Q. In your report, you don't disclose any
23	exists regarding polypropylene implants; is that	23	critique or analysis of why this article
24	correct?	24	A. No.
	Page 63		Page 65
1	MR. WALKER: Object to form.	1	Q demonstrating degradation
2	A. Not necessarily, because they didn't explant	2	A. Sorry.
3	anybody who was not having a complication.	3	Q is not accurate?
4	Q. Okay. So is it your opinion that	4	A. No, I don't.
5	complications are more likely to have degradation?	5	(Exhibit 5 marked for identification.)
6	A. Possibly. But, again, I'm not a	6	BY MR. BENTLEY:
7	biomechanical whatever.	7	Q. Doctor, I'm going to hand you what's being
8	Q. Okay.	l _	marked as Exhibit 5. This is an article by Vladimir
9	A. But	8 9	Iakovlev, entitled "Degradation of polypropylene in
10	Q. And if, in fact, the complications were tied	10	vivo: A microscopic analysis of meshes explanted from
Τ.0	· · · · · · · · · · · · · · · · · · ·		
11			
11	to degradation, then there would be clinical	11	patients."
12	significance; is that true?	12	Do you see that?
12 13	significance; is that true? A. Or, vice versa, the complication caused the	12 13	Do you see that? A. I do.
12 13 14	significance; is that true? A. Or, vice versa, the complication caused the degradation.	12 13 14	Do you see that? A. I do. Q. Are you familiar with this article?
12 13 14 15	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your	12 13 14 15	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's
12 13 14 15 16	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your opinion that there's no clinical significance of	12 13 14 15 16	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's probably on my reliance list, yes.
12 13 14 15 16 17	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your opinion that there's no clinical significance of degradation?	12 13 14 15 16 17	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's probably on my reliance list, yes. Q. And I'll represent to you that there's a
12 13 14 15 16 17 18	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your opinion that there's no clinical significance of degradation? A. No.	12 13 14 15 16 17 18	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's probably on my reliance list, yes. Q. And I'll represent to you that there's a number of articles on your reliance list from Iakovlev.
12 13 14 15 16 17 18	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your opinion that there's no clinical significance of degradation? A. No. Q. Based on the evidence in this article, would	12 13 14 15 16 17 18 19	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's probably on my reliance list, yes. Q. And I'll represent to you that there's a number of articles on your reliance list from Iakovlev. A. Yes.
12 13 14 15 16 17 18 19 20	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your opinion that there's no clinical significance of degradation? A. No. Q. Based on the evidence in this article, would you agree that there is evidence of degradation in	12 13 14 15 16 17 18	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's probably on my reliance list, yes. Q. And I'll represent to you that there's a number of articles on your reliance list from Iakovlev. A. Yes. Q. Okay. And, just briefly, if I could turn
12 13 14 15 16 17 18 19 20 21	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your opinion that there's no clinical significance of degradation? A. No. Q. Based on the evidence in this article, would you agree that there is evidence of degradation in polypropylene implants?	12 13 14 15 16 17 18 19	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's probably on my reliance list, yes. Q. And I'll represent to you that there's a number of articles on your reliance list from Iakovlev. A. Yes. Q. Okay. And, just briefly, if I could turn your attention to page 10.
12 13 14 15 16 17 18 19 20 21	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your opinion that there's no clinical significance of degradation? A. No. Q. Based on the evidence in this article, would you agree that there is evidence of degradation in polypropylene implants? A. This article suggests that, yes.	12 13 14 15 16 17 18 19 20	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's probably on my reliance list, yes. Q. And I'll represent to you that there's a number of articles on your reliance list from Iakovlev. A. Yes. Q. Okay. And, just briefly, if I could turn your attention to page 10. A. Okay.
12 13 14 15 16 17 18 19 20 21	significance; is that true? A. Or, vice versa, the complication caused the degradation. Q. Okay. So does this article impact your opinion that there's no clinical significance of degradation? A. No. Q. Based on the evidence in this article, would you agree that there is evidence of degradation in polypropylene implants?	12 13 14 15 16 17 18 19 20 21	Do you see that? A. I do. Q. Are you familiar with this article? A. Again, I think I've seen this. And it's probably on my reliance list, yes. Q. And I'll represent to you that there's a number of articles on your reliance list from Iakovlev. A. Yes. Q. Okay. And, just briefly, if I could turn your attention to page 10.

17 (Pages 62 to 65)

	Page 66		Page 68
1	Do you see that?	1	that caused the complication, for the mesh to degrade.
2	A. I do.	2	Q. Could you give me examples, so I understand,
3	Q. Okay. And the authors in this article	3	of what complication it would happen to cause
4	discuss a number of clinically significant events, such	4	degradation?
5	as, this second full paragraph, they start, "The	5	A. If you have an exposed mesh and you get a
6	clinical descriptions provided with the specimens	6	severe infection and the infection is of a certain
7	indicated that in many cases mesh-related complications	7	bacterial type, it could cause a problem with the mesh.
8	developed several years after mesh implantation."	8	Q. Gotcha. And then, lastly, the next
9	Did I read that correct?	9	paragraph, second sentence, "The debris from prosthetic
10	A. You did.	10	joints is well-known to cause tissue necrosis,
11	Q. And that's similar to what we've discussed	11	inflammation and fibrosis around the joints. For
12	earlier, that these complications can, in fact, occur	12	polypropylene meshes, we observed occasional particles
13	many years after the implant; is that correct?	13	of degraded polypropylene in the surrounding tissue and
14	A. That's correct.	14	macrophages."
15	Q. Okay. Further down, they state, "As we	15	A. Where are you again? I'm sorry.
16	showed, the degraded layer becomes thicker over time	16	Q. We're on the same page, on 10.
17	while its cracking indicated brittleness and loss of	17	A. On 10. Same page. Right. Okay.
18	flexibility."	18	Q. We're looking at the
19	Did I read that correct?	19	A. 9, 10. Okay, got it
20	A. Yes.	20	Q one, two, three fourth
21	Q. Okay. In the last sentence in that	21	A. Yep.
22	paragraph, the authors state, "Degradation-related	22	Q full paragraph
23	stiffening of the mesh is expected to increase over	23	A. Yeah.
24	time."	24	Q discussing the third clinical impact
	Dave (7		Dama (0
1	Page 67	1	Page 69
2	Did I read that correctly? A. You did.	1 2	A. Yes.
3		3	Q potential impact of degradationA. I got it, um-hmm.
4	Q. And if the mesh became stiffer over time, that could have a clinical impact for the patient; isn't	4	Q second sentence. They're discussing the
5	that correct?	5	debris from the prosthetic joints is well known to cause
6	MR. WALKER: Object to form.	6	tissue necrosis, inflammation and fibrosis around the
7	A. Possibly, yes.	7	joints.
8	Q. Okay. And the next paragraph begins,	8	That's talking about hip implants, I think.
9	"Another clinically important aspect of degradation is	9	Is that fair?
10	the potential for bacterial colonization of the fissures	10	A. I think, yes.
11	within the degraded material."	11	Q. Okay. But the next sentence, they state,
12	Did I read that correctly?	12	"For polypropylene meshes, we observed occasional
13	A. Yes.	13	particles of degraded polypropylene in surrounding
14	Q. And, of course, that's another clinically	14	tissue and macrophages."
15	a potential clinical impact from the degradation; is	15	Did I read that correctly?
16	that correct?	16	A. You did.
17	A. Or from the reason the complication occurred,	17	Q. Okay. So if the mesh is degrading and
18	yes.	18	floating around, that these authors say that could be
19	Q. Right. Which would be a clinically	19	a clinical impact; is that correct?
20	significant result; right?	20	MR. WALKER: Object to form.
21	A. Again, you're saying that the degradation	21	A. They're not saying that. They're saying it
	occurred, caused the complication. And I'm saying,	22	was a clinical impact in joints. They observed
22	occurred, caused the complication. And thi saying,	44	was a chinear impact in joints. They observed
22		23	occasional narticles, but they don't really say there's
22 23 24	since this was a mesh that was explanted from somebody who had a complication, there might have been something	23 24	occasional particles, but they don't really say there's a clinical impact.

18 (Pages 66 to 69)

	Page 70		Page 72
1	Q. Right. But it's under their section entitled	1	ACOG and AUGS, are talking about life-altering sequelae;
2	"Clinical significance of polypropylene degradation"	2	isn't that correct?
3	A. I don't think you can assume that.	3	A. That's correct.
4	Q. I'm sorry. What's the section header title	4	Q. Okay. So the evidence does reflect there are
5	for that section	5	life-altering complications from these devices; correct?
6	A. "Clinical significance of polypropylene	6	MR. WALKER: Object to form.
7	degradation." But they're talking about joints.	7	A. In their opinion, if they whatever they
8	MR. BENTLEY: Move to strike from what	8	define as life-altering. But, yes, that is correct.
9	they're talking about.	9	Q. Okay. And is one of your opinions for why
10	BY MR. BENTLEY:	10	you believe that Ethicon adequately warned of the
11	Q. Doctor, if you could please turn to page 5 of	11	complications associated with Prolift, because you feel
12	your report, which is marked as Exhibit 1.	12	that doctors already know all these complications?
13	A. Okay.	13	MR. WALKER: Object to form.
14	Q. You're discussing your opinions and the bases	14	A. I feel that surgeons that are performing
15	for your opinions. And you say that one of the bases is	15	pelvic organ prolapse surgery are aware of all these
16	from meetings and literature put out by AUGS and ACOG;	16	complications, yes.
17	is that correct?	17	Q. You would hope that they are; isn't that
18	A. That's correct.	18	correct?
19	Q. Okay. And I think, in your last deposition	19	A. No, I would think they would be.
20	regarding the TVT-O, you actually, in fact, discuss one	20	Q. Okay. If you could look at the first
21	of those position statements from these organizations;	21	paragraph
22	isn't that correct?	22	A. Um-hmm.
23	A. That's correct.	23	Q third sentence, the ACOG and AUGS note
24	Q. Okay. And you're familiar with the ACOG and	24	that "Surgeons who perform those procedures may have
	Page 71		Page 73
1	AUGS Position Statement No. 513, published in December	1	questions related to the FDA's notification."
2	of 2011, aren't you?	2	Isn't that correct?
3	A. If you can show it to me and let me read it.	1	
	71. If you can show it to me and let me read it.	1 3	Δ Correct
. 4	O I'll represent to you that this is on your	3	A. Correct. O. And that notification was in response to the
4	Q. I'll represent to you that this is on your	4	Q. And that notification was in response to the
5	reliance list.	4 5	Q. And that notification was in response to the complications of these devices; isn't that correct?
5 6	reliance list. A. I'm sure it is.	4 5 6	Q. And that notification was in response to the complications of these devices; isn't that correct?A. It was.
5 6 7	reliance list. A. I'm sure it is. (Exhibit 6 marked for identification.)	4 5 6 7	Q. And that notification was in response to the complications of these devices; isn't that correct?A. It was.Q. And these organizations that you rely upon
5 6 7 8	reliance list. A. I'm sure it is. (Exhibit 6 marked for identification.) BY MR. BENTLEY:	4 5 6 7 8	 Q. And that notification was in response to the complications of these devices; isn't that correct? A. It was. Q. And these organizations that you rely upon are stating that maybe doctors might need some more
5 6 7 8 9	reliance list. A. I'm sure it is. (Exhibit 6 marked for identification.) BY MR. BENTLEY: Q. We're marking this as Exhibit 6.	4 5 6 7 8	 Q. And that notification was in response to the complications of these devices; isn't that correct? A. It was. Q. And these organizations that you rely upon are stating that maybe doctors might need some more information; is that fair?
5 6 7 8 9	reliance list. A. I'm sure it is. (Exhibit 6 marked for identification.) BY MR. BENTLEY: Q. We're marking this as Exhibit 6. A. Yes.	4 5 6 7 8 9	 Q. And that notification was in response to the complications of these devices; isn't that correct? A. It was. Q. And these organizations that you rely upon are stating that maybe doctors might need some more information; is that fair? A. Yes.
5 6 7 8 9 10	reliance list. A. I'm sure it is. (Exhibit 6 marked for identification.) BY MR. BENTLEY: Q. We're marking this as Exhibit 6. A. Yes. Q. Okay. And you're familiar with this article;	4 5 6 7 8 9 10	 Q. And that notification was in response to the complications of these devices; isn't that correct? A. It was. Q. And these organizations that you rely upon are stating that maybe doctors might need some more information; is that fair? A. Yes. Q. Okay. And this is like we discussed. You're
5 6 7 8 9 10 11	reliance list. A. I'm sure it is. (Exhibit 6 marked for identification.) BY MR. BENTLEY: Q. We're marking this as Exhibit 6. A. Yes. Q. Okay. And you're familiar with this article; isn't that correct?	4 5 6 7 8 9 10 11 12	 Q. And that notification was in response to the complications of these devices; isn't that correct? A. It was. Q. And these organizations that you rely upon are stating that maybe doctors might need some more information; is that fair? A. Yes. Q. Okay. And this is like we discussed. You're well-positioned to be well-versed in the literature;
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5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	reliance list. A. I'm sure it is. (Exhibit 6 marked for identification.) BY MR. BENTLEY: Q. We're marking this as Exhibit 6. A. Yes. Q. Okay. And you're familiar with this article; isn't that correct? A. I am. Q. In the abstract, ACOG and AUGS state, in their second sentence, "Based on the currently available limited data, although many patients undergoing mesh augmented vaginal repairs heal well without problems, there seems to be a small but significant group of patients who experience permanent and life-altering sequelae, including pain and dyspareunia, from the use of vaginal mesh."	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And that notification was in response to the complications of these devices; isn't that correct? A. It was. Q. And these organizations that you rely upon are stating that maybe doctors might need some more information; is that fair? A. Yes. Q. Okay. And this is like we discussed. You're well-positioned to be well-versed in the literature; right? A. Um-hmm. Q. And some doctors might A. I hope. Q might not be as well-versed in the literature; right? MR. WALKER: Object to form. A. Possibly, yes. Q. And that's what these organizations right

	Page 74		Page 76
1	A. Right.	1	Q. Well, the quantity is, the rate of total
2	Q. If you could turn to page 2. You can see,	2	reoperation rate, they're saying, is higher for
3	under the section titled "What outcome data exists for	3	mesh-based repairs
4	vaginal placement of synthetic mesh for pelvic organ	4	A. How do you quantify "reoperation," though?
5	prolapse," the second paragraph, the last sentence, they	5	That's the question. If somebody has a small piece of
6	say, "Although the risk of mesh erosion varied, it was a	6	mesh removed from her vagina in the office, is that a
7	risk that did not exist for native tissue repairs."	7	reoperation? Right?
8	You would agree with that; right?	8	Q. Right. If they're doing
9	A. No, I would not	9	A. Or does she go to the OR?
10	Q. You think	10	Q. I'm sorry. So are you disagreeing or
11	A agree with that.	11	agreeing with ACOG and AUGS' statement, as presented to
12	Q the risk of mesh erosion existed for	12	you?
13	native tissue repair?	13	A. I know the study they're quoting. It's the
14	A. I would say, risk of synthetic material	14	Diwadkar study. And, yes, if you look at all the
15	during native tissue repair can occur.	15	reasons why the mesh was removed, then, yes, there were
16	Q. Just to be clear, you're saying that the risk	16	more reoperations, if you consider an office procedure a
17	of mesh erosion exists with native tissue repair?	17	reoperation. Yes.
18	A. In some native tissue repairs, yes.	18	Q. So you agree with this statement
19	Q. So you dis	19	A. Yes.
20	A. Not mesh, but synthetic material.	20	Q here? Okay. Thank you.
21	Q. I don't understand. I'm sorry.	21	A. Yes.
22	A. Okay.	22	Q. Doctor, if you could turn your attention to
23	Q. Let me rephrase.	23	page 3.
24	A. Okay.	24	A. Okay.
	Page 75		Dage 77
1	Page 75	1	Page 77
1	Q. So the last sentence of this section states,	1	Q. On the left column, at the bottom of the
2	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk	2	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain,
2	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs."	2	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic
2 3 4	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs." My question for you, Doctor: Do you agree	2 3 4	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic reconstructive surgery regardless of the use or nonuse
2 3 4 5	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs." My question for you, Doctor: Do you agree with AUGS' and ACOG's statement right there?	2 3 4 5	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic reconstructive surgery regardless of the use or nonuse of mesh."
2 3 4 5 6	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs." My question for you, Doctor: Do you agree with AUGS' and ACOG's statement right there? A. Well, if you don't use mesh, then there's no	2 3 4 5 6	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic reconstructive surgery regardless of the use or nonuse of mesh." And that's your position; right?
2 3 4 5 6 7	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs." My question for you, Doctor: Do you agree with AUGS' and ACOG's statement right there? A. Well, if you don't use mesh, then there's no risk for mesh whatever you're talking about for	2 3 4 5 6 7	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic reconstructive surgery regardless of the use or nonuse of mesh." And that's your position; right? A. That's correct.
2 3 4 5 6 7 8	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs." My question for you, Doctor: Do you agree with AUGS' and ACOG's statement right there? A. Well, if you don't use mesh, then there's no risk for mesh whatever you're talking about for mesh erosion.	2 3 4 5 6 7 8	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic reconstructive surgery regardless of the use or nonuse of mesh." And that's your position; right? A. That's correct. Q. Okay. And they continue, though, "However, a
2 3 4 5 6 7 8	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs." My question for you, Doctor: Do you agree with AUGS' and ACOG's statement right there? A. Well, if you don't use mesh, then there's no risk for mesh whatever you're talking about for mesh erosion. Q. So you agree with their statement?	2 3 4 5 6 7 8	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic reconstructive surgery regardless of the use or nonuse of mesh." And that's your position; right? A. That's correct. Q. Okay. And they continue, though, "However, a complication unique to mesh is erosion (also described)
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs." My question for you, Doctor: Do you agree with AUGS' and ACOG's statement right there? A. Well, if you don't use mesh, then there's no risk for mesh whatever you're talking about for mesh erosion. Q. So you agree with their statement? A. Yes. Q. Okay. A. Yes. Q. Thank you. And in the next paragraph, the last sentence, they state, "In this review, the rate of reoperation to correct complications, as well as the total reoperation rate, was highest for vaginal mesh kits compared with vaginal native tissue and abdominal repairs, despite shorter overall follow-up." Did I read that correctly? A. Yes. Q. Okay. And you would agree with that,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic reconstructive surgery regardless of the use or nonuse of mesh." And that's your position; right? A. That's correct. Q. Okay. And they continue, though, "However, a complication unique to mesh is erosion (also described as exposure extrusion), which seems to be the most common complication, and may sometimes present several years after the index procedure." You would agree with that; right? A. I do. Q. Okay. And they continue there, "Increasing reports of vaginal pain associated with changes that can occur with mesh (contraction, retraction or shrinkage) that result in taut sections of mesh." Did I read that correctly? A. You did. Q. And that's what we were previously discussing, that, in fact, mesh can contract; isn't that
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. So the last sentence of this section states, "Although the risk of mesh erosion varied, it was a risk that did not exist for native tissue repairs." My question for you, Doctor: Do you agree with AUGS' and ACOG's statement right there? A. Well, if you don't use mesh, then there's no risk for mesh whatever you're talking about for mesh erosion. Q. So you agree with their statement? A. Yes. Q. Okay. A. Yes. Q. Thank you. And in the next paragraph, the last sentence, they state, "In this review, the rate of reoperation to correct complications, as well as the total reoperation rate, was highest for vaginal mesh kits compared with vaginal native tissue and abdominal repairs, despite shorter overall follow-up." Did I read that correctly? A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. On the left column, at the bottom of the page, these committees are discussing that "Pelvic pain, groin pain, and dyspareunia can occur with pelvic reconstructive surgery regardless of the use or nonuse of mesh." And that's your position; right? A. That's correct. Q. Okay. And they continue, though, "However, a complication unique to mesh is erosion (also described as exposure extrusion), which seems to be the most common complication, and may sometimes present several years after the index procedure." You would agree with that; right? A. I do. Q. Okay. And they continue there, "Increasing reports of vaginal pain associated with changes that can occur with mesh (contraction, retraction or shrinkage) that result in taut sections of mesh." Did I read that correctly? A. You did. Q. And that's what we were previously

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	Page 78		Page 80
1	Q. And do you disagree with that?	1	3 centimeters. And it doesn't, it stays the same
2	A. I do.	2	Q. Okay. If you can
3	Q. Okay. And anywhere in your report, do you	3	A by contracture
4	discuss your disagreement with this position statement?	4	Q draw your attention down to the next
5	A. With this position statement, itself?	5	paragraph.
6	Q. Yes.	6	A. Okay.
7	A. No. I just	7	Q. You'll see, at the end of that paragraph,
8	Q. Anywhere in your report, do you discuss why	8	"One ultrasound study evaluating women at three months
9	you think that the medical literature evidencing mesh	9	after anterior vaginal mesh placement"
10	contraction, as referenced in ACOG and AUGS' statement	10	A. Um-hmm.
11	right here do you discuss, anywhere in your report,	11	Q "found severe contraction or shrinkage
12	that mesh contraction doesn't exist?	12	defined as a decrease of more than 50 percent of the
13	A. Well, let's see.	13	size of the mesh in 9.3 percent of patients."
14	MR. WALKER: If I could point the doctor in	14	Would that count as shrinkage to you, a
15	the right direction?	15	reduction of 50 percent of the mesh?
16	MR. BENTLEY: Sure.	16	A. At three months, it would count as shrinkage.
17	MR. WALKER: Page 27.	17	But there are other studies that have followed them out
18	THE WITNESS: Okay. Um-hmm.	18	later, that did not show shrinkage. And I would assume
19	MR. WALKER: I think, in that first full	19	this shrinkage was due to implantation technique.
20	paragraph, Doctor.	20	MR. BENTLEY: Move to strike after the
21	BY MR. BENTLEY:	21	nonresponsive answer.
22	Q. Doctor, counsel has directed your attention	22	BY MR. BENTLEY:
23	to page	23	Q. In the next paragraph, they continue, "Based
24	A. Yes.	24	on the currently available limited data, although many
	Page 79		Page 81
1	Q 27, the first	1	patients who undergo mesh augmented vaginal repairs heal
2	A. Right.	2	well without problems, there seems to be a small but
3	Q full paragraph.	3	significant group of patients who experience permanent
4	A. Right.	4	and life-altering sequelae, including pain and
5	Q. And my question was: Anywhere in your	5	dyspareunia, from the use of vaginal mesh."
6	report, do you discuss your disagreement with the	6	Did I read that correctly?
7	existence of mesh contraction, as evidenced in this		Did i ioud that contour,
/	existence of mesh contraction, as evidenced in this	7	A. You did.
8	position statement by AUGS and ACOG?	7 8	
			A. You did.
8	position statement by AUGS and ACOG?	8	A. You did.Q. And again, this is another piece of medical
8 9	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't	8 9	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct?
8 9 10	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement	8 9 10	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct.
8 9 10 11	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please	8 9 10 11	 A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with
8 9 10 11 12	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this	8 9 10 11 12	 A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct?
8 9 10 11 12 13	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss	8 9 10 11 12 13	 A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form.
8 9 10 11 12 13 14	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss that mesh contraction doesn't exist?	8 9 10 11 12 13 14	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form. A. That's correct.
8 9 10 11 12 13 14 15	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss that mesh contraction doesn't exist? A. Okay.	8 9 10 11 12 13 14 15	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form. A. That's correct. Q. Okay. You simply disagree with their
8 9 10 11 12 13 14 15	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss that mesh contraction doesn't exist? A. Okay. Q. Well, counsel can probably revisit that on	8 9 10 11 12 13 14 15	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form. A. That's correct. Q. Okay. You simply disagree with their statement?
8 9 10 11 12 13 14 15 16	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss that mesh contraction doesn't exist? A. Okay. Q. Well, counsel can probably revisit that on redirect.	8 9 10 11 12 13 14 15 16	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form. A. That's correct. Q. Okay. You simply disagree with their statement? A. I disagree.
8 9 10 11 12 13 14 15 16 17 18	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss that mesh contraction doesn't exist? A. Okay. Q. Well, counsel can probably revisit that on redirect. As you sit here today, can you explain to me	8 9 10 11 12 13 14 15 16 17 18	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form. A. That's correct. Q. Okay. You simply disagree with their statement? A. I disagree. Q. Okay. And in your report, you don't discuss
8 9 10 11 12 13 14 15 16 17 18	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss that mesh contraction doesn't exist? A. Okay. Q. Well, counsel can probably revisit that on redirect. As you sit here today, can you explain to me why you disagree with ACOG's	8 9 10 11 12 13 14 15 16 17 18 19	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form. A. That's correct. Q. Okay. You simply disagree with their statement? A. I disagree. Q. Okay. And in your report, you don't discuss your disagreement with that statement from ACOG and
8 9 10 11 12 13 14 15 16 17 18 19 20	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss that mesh contraction doesn't exist? A. Okay. Q. Well, counsel can probably revisit that on redirect. As you sit here today, can you explain to me why you disagree with ACOG's A. Because I don't think the mesh contracts. I	8 9 10 11 12 13 14 15 16 17 18 19 20	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form. A. That's correct. Q. Okay. You simply disagree with their statement? A. I disagree. Q. Okay. And in your report, you don't discuss your disagreement with that statement from ACOG and AUGS; correct?
8 9 10 11 12 13 14 15 16 17 18 19 20 21	position statement by AUGS and ACOG? A. This paragraph addresses that. But I don't specifically address this para this AUGS statement Q. Can you please A this Q direct your attention to where you discuss that mesh contraction doesn't exist? A. Okay. Q. Well, counsel can probably revisit that on redirect. As you sit here today, can you explain to me why you disagree with ACOG's A. Because I don't think the mesh contracts. I think the tissue around the mesh contracts.	8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. You did. Q. And again, this is another piece of medical literature that you relied upon; correct? A. That's correct. Q. That's evidencing life-altering problems with these products; isn't that correct? MR. WALKER: Object to form. A. That's correct. Q. Okay. You simply disagree with their statement? A. I disagree. Q. Okay. And in your report, you don't discuss your disagreement with that statement from ACOG and AUGS; correct? A. No.

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	Page 82		Page 84
1	A. Because I	1	Doctor, as you sit here today, can you please
2	Q as evidenced by this position statement?	2	explain why you're discounting the conclusions of ACOG
3	A. Because I've seen these patients and I've	3	and AUGS, regarding the existence of evidence
4	seen them over and over and over again; and you can	4	demonstrating life-altering complications associated
5	they can get treated; and there are many patients that	5	with these products?
6	don't have life-altering. So it depends on how you	6	A. Because, in looking at their references that
7	define "life-altering."	7	they looked at, there are many other references that
8	Q. Okay. So just based on your personal	8	contradict what they're saying.
9	experience treating women, you haven't seen it, so	9	Q. What references are you referring to that
10	that's why you disagree with the medical literature?	10	state there's no existence of life-altering
11	A. No. Based on my education, training, and	11	complications related to these products?
12	experience, yes.	12	A. I don't know if there's a definition of
13	Q. But the rest of your opinions in your report	13	"life-altering." So we can go back to that, but
14	are based upon the medical literature; correct?	14	Q. But this statement uses that terminology;
15	A. And my education, experience, and training.	15	correct?
16	Q. Right. But you can't, as you sit here today,	16	A. This statement uses that terminology
17	provide any reason as to why you disagree with medical	17	Q. And you indicate
18	literature that you rely upon, other than your personal	18	A in their
19	experience, including your training and experience and	19	Q in your report that these statements and
20	education?	20	these organizations are important to your opinions;
21	A. This isn't medical literature. This is a	21	correct?
22	committee opinion. It's not medical literature.	22	A. They are.
23	Medical literature is a meta-analysis, randomized	23	Q. Okay. Doctor, is one of the reasons that you
24	control trial, prospective cohort, retrospective cohort.	24	feel that the risk-benefit profile for Prolift is
	Page 83		Page 85
1	Page 83 The list goes on. This is a committee opinion.	1	Page 85 beneficial is because you feel that native tissue
1 2		1 2	_
	The list goes on. This is a committee opinion.		beneficial is because you feel that native tissue
2	The list goes on. This is a committee opinion. Q. And in your last deposition, you actually	2	beneficial is because you feel that native tissue repairs weren't as efficacious as the Prolift? A. In some people's hands, yes. Q. And is that based upon some earlier evidence,
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2 3 4 5 6	The list goes on. This is a committee opinion. Q. And in your last deposition, you actually relied upon a committee opinion from these very organizations; isn't that correct? A. I relied on a statement position statement. That's different than a committee opinion.	2 3 4 5 6	beneficial is because you feel that native tissue repairs weren't as efficacious as the Prolift? A. In some people's hands, yes. Q. And is that based upon some earlier evidence, that native tissue repair wasn't as efficacious A. Yes. Q as hopeful? And, in fact, you discuss that information in
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	The list goes on. This is a committee opinion. Q. And in your last deposition, you actually relied upon a committee opinion from these very organizations; isn't that correct? A. I relied on a statement position statement. That's different than a committee opinion. Q. And this committee opinion's actually a review of the medical literature; isn't that correct? A. In 2004. Q. Do you want to read the front page to correct your date? A. It says since 2004. Oh, I'm sorry, 2011. Okay. My Q. Right. And this is a review A. My mistake. Q of the medical literature A. Correct. Q about up to the point when Prolift was withdrawn; isn't that correct? A. Well, let's see. (Off-the-record comments between Mr. Bentley and the court reporter.)	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	beneficial is because you feel that native tissue repairs weren't as efficacious as the Prolift? A. In some people's hands, yes. Q. And is that based upon some earlier evidence, that native tissue repair wasn't as efficacious A. Yes. Q as hopeful? And, in fact, you discuss that information in your report; isn't that correct? A. I do. Q. Okay. And are you aware that some scientists went back and reevaluated that data and, in fact, found native tissue repair was more efficacious than previously thought? MR. WALKER: Object to form. A. That's not necessarily correct. But, yes Q. Are you aware that A they did I am aware that they went back and looked at objective data and subjective data Q. And they found that native A and they quantified it. It doesn't necessarily mean that it's any better. It just means
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	The list goes on. This is a committee opinion. Q. And in your last deposition, you actually relied upon a committee opinion from these very organizations; isn't that correct? A. I relied on a statement position statement. That's different than a committee opinion. Q. And this committee opinion's actually a review of the medical literature; isn't that correct? A. In 2004. Q. Do you want to read the front page to correct your date? A. It says since 2004. Oh, I'm sorry, 2011. Okay. My Q. Right. And this is a review A. My mistake. Q of the medical literature A. Correct. Q about up to the point when Prolift was withdrawn; isn't that correct? A. Well, let's see. (Off-the-record comments between Mr. Bentley	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	beneficial is because you feel that native tissue repairs weren't as efficacious as the Prolift? A. In some people's hands, yes. Q. And is that based upon some earlier evidence, that native tissue repair wasn't as efficacious A. Yes. Q as hopeful? And, in fact, you discuss that information in your report; isn't that correct? A. I do. Q. Okay. And are you aware that some scientists went back and reevaluated that data and, in fact, found native tissue repair was more efficacious than previously thought? MR. WALKER: Object to form. A. That's not necessarily correct. But, yes Q. Are you aware that A they did I am aware that they went back and looked at objective data and subjective data Q. And they found that native A and they quantified it. It doesn't

	Page 86		Page 88
1	her, then they considered that a positive result and	1	the Cleveland Clinic, I think. But
2	that she didn't need a reoperation. That's what that	2	Q. Right. Not just one surgeon; right?
3	study was about.	3	A. Well, but you can't you can't extrapolate
4	Q. If you could please turn your attention to	4	that to the general population. Native tissue repairs
5	page 4 of this committee opinion reviewing the medical	5	are all done differently. If I do a native tissue
6	literature regarding	6	repair and you do a native tissue repair, if you're a
7	A. Okay.	7	pelvic floor surgeon, we're going to do it differently.
8	Q this product. You can see, on the top	8	Q. Okay.
9	left, it states, "A 2001 randomized trial of three	9	A. Okay? So there's no standardization of
10	methods of anterior wall repair, including native	10	native tissue repairs.
11	tissue, ultralateral anterior colporrhaphy, and	11	Q. If you can draw your attention to the next
12	absorbable vaginal mesh, reported success rates (based	12	section, Doctor
13	on anatomic success definitions) of only 30 to	13	A. Um-hmm.
14	46 percent"?	14	Q entitled "Who are the best patients for
15	A. Correct.	15	transvaginally placed mesh?" Second sentence, "Pelvic
16	Q. And they have a citation that says "Study	16	organ prolapse vaginal mesh repair should be reserved
17	No. 22," which is the Weber	17	for high-risk individuals in whom the benefit of mesh
18	A. The Weber study.	18	placement may justify the risk, such as individuals with
19	Q study, 2001.	19	recurrent prolapse (particularly of the anterior
20	A. That's correct.	20	compartment)" which we discussed; correct?
21	Q. And you actually cite to the Weber study in	21	A. Correct.
22	your report	22	Q. "or with medical comorbidities that
23	A. I do.	23	preclude more invasive and lengthier open and endoscopic
24	Q on page 10?	24	procedures."
		-	
	Page 87		Page 89
1	Page 87	1	Page 89
1	A. I do.	1	Would you agree with that, also?
2	A. I do.Q. And then the authors of ACOG and AUGS go on	2	Would you agree with that, also? A. I would agree with that.
2	A. I do. Q. And then the authors of ACOG and AUGS go on to continue that "These low success rates were	2 3	Would you agree with that, also? A. I would agree with that. Q. Okay. So you would agree with the author's
2 3 4	A. I do. Q. And then the authors of ACOG and AUGS go on to continue that "These low success rates were frequently cited as a reason why innovations such as	2 3 4	Would you agree with that, also? A. I would agree with that. Q. Okay. So you would agree with the author's statement here, that mesh kits such as Prolift should be
2 3 4 5	A. I do. Q. And then the authors of ACOG and AUGS go on to continue that "These low success rates were frequently cited as a reason why innovations such as vaginal mesh were needed to decrease failure rates."	2 3 4 5	Would you agree with that, also? A. I would agree with that. Q. Okay. So you would agree with the author's statement here, that mesh kits such as Prolift should be reserved for high-risk patients?
2 3 4 5 6	A. I do. Q. And then the authors of ACOG and AUGS go on to continue that "These low success rates were frequently cited as a reason why innovations such as vaginal mesh were needed to decrease failure rates." And we just discussed that; correct?	2 3 4 5 6	Would you agree with that, also? A. I would agree with that. Q. Okay. So you would agree with the author's statement here, that mesh kits such as Prolift should be reserved for high-risk patients? A. I do.
2 3 4 5 6 7	A. I do. Q. And then the authors of ACOG and AUGS go on to continue that "These low success rates were frequently cited as a reason why innovations such as vaginal mesh were needed to decrease failure rates." And we just discussed that; correct? A. Correct.	2 3 4 5 6 7	Would you agree with that, also? A. I would agree with that. Q. Okay. So you would agree with the author's statement here, that mesh kits such as Prolift should be reserved for high-risk patients? A. I do. Q. Okay. Doctor, are you aware that Anne Weber,
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23 (Pages 86 to 89)

	Page 90		Page 92
1	aware that it's different than hers	1	conclusions to your opinions here; correct?
2	Q. Okay.	2	A. That's correct.
3	A yes.	3	Q. Okay. Doctor, on your report, on page 11,
4	Q. If you could turn to the page in your report	4	you begin discussing the evidence regarding Gynemesh PS,
5	to page 11 of Exhibit 1.	5	starting in 2002. Do you see that?
6	A. Oh.	6	A. On page 11 of my report?
7	Q. You had previously stated that you don't	7	Q. Yes.
8	believe that the ACOG AUGS position statement is helpful	8	A. Yes.
9	evidence or reliable evidence; is that correct?	9	Q. Okay.
10	MR. WALKER: Object to form.	10	A. Okay.
11	MR. BENTLEY: Strike that.	11	Q. And then on the next page, you cite to a
12	BY MR. BENTLEY:	12	number of studies, including the Nilsson 2013 study.
13	Q. Doctor	13	Do you see that?
14	A. Are you talk	14	A. Yes, I do.
15	Q how would you characterize the AUGS	15	Q. Okay. And that's a study regarding the TVT
16	position statement or the AUGS position statement, in	16	mesh; right?
17	the levels of evidence?	17	A. That's correct.
18	Was it important enough to include in your	18	Q. Okay. And then you cite to the Ford Cochrane
19	report?	19	Review, also
20	A. Yes.	20	A. Um-hmm.
21	Q. Okay. But they had some conclusions that	21	O 2015?
22	were contrary to your opinions here; isn't that correct?	22	And that's also another
23	A. Are you talking about the AUGS position	23	A. Right.
24	Q. Yes.	24	Q study regarding the TVTs; right?
	Page 91		Page 93
1	A or are you talking about the ACOG	1	A. Yes.
2	committee report? You said the AUGS position. I'm a	2	Q. Okay. Or midurethral slings; right?
3	Q. Well, it's AUGS	3	A. Midurethral, right.
4	A little confused.	4	Q. And then, in the next paragraph, you cite to
5	O it's let me re-ask.	5	a number of studies, all published before the Prolift
6	A. But that's an ACOG committee bulletin. So	6	was available; isn't that correct?
7	it's from ACOG. AUGS might have had some, you know,	7	A. That's correct.
8	effect in drafting it	8	Q. Okay. And then turning the page, turning to
9	Q. Right.	9	page 14, you begin discussing some of the Prolift data;
10	Q. Right. A but it's an ACOG, it's not an AUGS	10	is that correct?
11	Q. That's fair.	1	A. That's correct.
12	-	11	
	A position statement.	12	Q. And then, on page 15, your first full
13	Q. I appreciate that.	13	paragraph states, "According to the latest Cochrane
14	A. That's fine. So you're referring to this	14	Review," and you cite Maher 2013.
15	one?	15	Do you see that?
16	Q. Yes, sir.	16	A. Yes.
16	A Olsavi	17	Q. And that's not a correct statement; isn't
17	A. Okay.	1	that assumed That we the self-to self-
17 18	Q. So let me rephrase that. I'm sorry.	18	that correct? That was a horrible question.
17 18 19	Q. So let me rephrase that. I'm sorry.A. Okay.	18 19	Now, on page 15, you start out, "According to
17 18 19 20	Q. So let me rephrase that. I'm sorry.A. Okay.Q. Was the ACOG 2011 committee opinion that we	18 19 20	Now, on page 15, you start out, "According to the latest Cochrane Review Maher 2013"
17 18 19 20 21	 Q. So let me rephrase that. I'm sorry. A. Okay. Q. Was the ACOG 2011 committee opinion that we just reviewed, dated December 2011, important enough for 	18 19 20 21	Now, on page 15, you start out, "According to the latest Cochrane Review Maher 2013" A. Right.
17 18 19 20 21 22	 Q. So let me rephrase that. I'm sorry. A. Okay. Q. Was the ACOG 2011 committee opinion that we just reviewed, dated December 2011, important enough for you to include in your report? 	18 19 20 21 22	Now, on page 15, you start out, "According to the latest Cochrane Review Maher 2013" A. Right. Q. That's not correct. There's a more recent
17 18 19 20 21	 Q. So let me rephrase that. I'm sorry. A. Okay. Q. Was the ACOG 2011 committee opinion that we just reviewed, dated December 2011, important enough for 	18 19 20 21	Now, on page 15, you start out, "According to the latest Cochrane Review Maher 2013" A. Right.

24 (Pages 90 to 93)

	Page 94		Page 96
1	A. I'm not aware of it, if it is. If I cited	1	Q the most recent
2	it	2	A. You said on page 16. I'm sorry.
3	Q. If you could turn your attention to page 18.	3	MR. WALKER: 18.
4	A. Right.	4	A. 18? Okay.
5	Q. On the bottom of the page, you discuss, "In	5	Q. Page 18
6	the most recent Cochrane Review Maher 2016."	6	A. Gotcha.
7	Do you see that?	7	Q you discussed
8	A. Ah, okay.	8	A. Gotcha.
9	Q. So	9	Q. The
10	A. Yes.	10	A. Yes.
11	Q your discussion on page 15 is not actually	11	Q. And you provide a couple of
12	of the latest Cochrane Review	12	A. Right.
13	A. That's correct.	13	Q findings from
14	Q isn't that correct?	14	A. No, no, I thought we were on page 16. I
15	A. That's correct. And it might be a type	15	Q. Okay. And
16	error, I think. A typing error. It should be	16	A wasn't looking. Okay.
17	Q. But if	17	Q the findings you discuss in your report
18	A. But if it yeah.	18	A. Um-hmm, yes.
19	Q. If the data on page 15 is, in fact, from the	19	Q. Well, let's look at the review.
20	Maher 2013 Cochrane Review, that's actually outdated,	20	So, on Exhibit 7, page 2
21	now, by the new 2016 Maher; isn't that correct?	21	A. Okay.
22	A. That's correct.	22	Q under "Authors' Conclusions"
23	Q. Okay. And so you would like to update that,	23	A. Yes.
24	maybe, to include the actual updated, most recent	24	Q they begin, "While transvaginal permanent
	Page 95		
	5		Page 97
1	Cochrane Review that includes all of the current	1	Page 97 mesh is associated with lower rates of awareness of
1 2		1 2	
	Cochrane Review that includes all of the current		mesh is associated with lower rates of awareness of
2	Cochrane Review that includes all of the current evidence; isn't that correct? A. That's correct.	2	mesh is associated with lower rates of awareness of prolapse, reoperation for prolapse, and prolapse on examination than native tissue repair, it is also
2	Cochrane Review that includes all of the current evidence; isn't that correct?	2 3	mesh is associated with lower rates of awareness of prolapse, reoperation for prolapse, and prolapse on examination than native tissue repair, it is also associated with higher rates of reoperation for prolapse
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Cochrane Review that includes all of the current evidence; isn't that correct? A. That's correct. (Exhibit 7 marked for identification.) BY MR. BENTLEY: Q. Okay. And I'm going to hand you what's being marked as Exhibit 7, which is the 2016 Maher Cochrane Review. A. Okay. Q. Now, on page 18 of your report, you discuss a number of findings from the 2016 Maher Review; isn't that correct? A. Yes. Q. Okay. And let's look at Exhibit 7, that we just marked, which is the Maher Cochrane Review. If you could turn to page 2. A. Now, wait a minute. Can you go back? What did you say on the last one? Q. I was referencing A. The Maher on page 16. Q. On page 8 well	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	mesh is associated with lower rates of awareness of prolapse, reoperation for prolapse, and prolapse on examination than native tissue repair, it is also associated with higher rates of reoperation for prolapse or stress urinary incontinence or mesh exposure and higher rates of bladder injury at surgery and de novo stress urinary incontinence." Did I read that correctly? A. You did. Q. Okay. And we've discussed some studies that found that similar finding, that there's a higher reoperation rate if you include all of these different surgical procedures that might happen after a Prolift implant; isn't that correct? A. Correct. Q. Okay. And they continue, "The risk-benefit profile means that transvaginal mesh has limited utility in primary surgery." Did I read that correctly? A. You did. Q. And, Doctor, you would agree with that,

25 (Pages 94 to 97)

	Page 98		Page 100
1	MR. WALKER: Object to form.	1	correctly, and this is what the data shows; is that
2	A. That's correct.	2	fair?
3	Q. And they continue, "While it is possible that	3	A. Correct.
4	in women with higher risk of recurrence the benefits may	4	MR. WALKER: Object to form.
5	outweigh the risks, there is currently no evidence to	5	Q. And then they continue, "Eight percent of
6	support this position."	6	women in the mesh groups required repeat surgery for
7	Did I read that correctly?	7	mesh exposure."
8	A. Yes.	8	Is that correct?
9	Q. Now, you disagree with that sentence from	9	A. Where is that?
10	these authors; correct?	10	Q. Very last sentence. I'm sorry. They
11	A. Correct.	11	conclude that paragraph, "Eight percent"
12	Q. And nowhere in your report do you provide an	12	A. Oh, yeah, it's written out. I'm looking for
13	analysis or criticism of why you disagree with this	13	an "8." Okay, I gotcha.
14	conclusion; isn't that correct?	14	Q. Did I read that correctly?
15	A. No. But I think I support show other data	15	A. Yes, you did.
16	that contradicts that.	16	Q. Okay. And again, you don't have any
17	Q. Okay.	17	criticisms of them reaching that finding based off the
18	A. Okay?	18	data they looked at; right?
19	Q. If you could please turn your attention to	19	A. No.
20	the next page. Under the section "Key Results"	20	Q. And this is, as we discussed, one of the
21	A. Yes.	21	Level 1 evidence, a systematic review; correct?
22	Q the first paragraph, the second-to-last	22	A. Correct.
23	sentence, they state, "If the reoperation rate for	23	Q. This is the highest evidence you can get;
24	prolapse urinary incontinence or mesh exposure after	24	correct?
	Page 99		Page 101
1	native tissue repair is assumed to be 5 percent, the	1	The Cochrane Review group's very reputable;
2	risk would be between 7 percent and 8 [sic] percent	2	correct?
3	after permanent mesh repair."	3	A. Yes.
4	Did I read that correct?	4	Q. And, in fact, you rely upon this group;
5	A. 7 and 18 percent.	5	correct?
6	Q. Right. So they're saying that mesh kits,	6	A. Right.
7	like Prolift, have a higher reoperation rate	7	Q. And they looked at all the data and came to
8	A. After permanent mesh repair.	8	these conclusions based off that data; isn't that
9	MR. WALKER: Object to form.	9	correct?
10	Q. Is that correct?	10	A. That's correct.
11	A. That's correct. That's what it says.	11	Q. And they have findings. And you agree with
12	Q. Do you agree with that finding?	12	their findings, you just disagree with their
	4 TTT 11 T 1 L 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 2	
13	A. Well, I don't agree with the fact that you	13	conclusions; correct?
13 14	A. Well, I don't agree with the fact that you can assume reoperation rate with the native tissue	14	A. Correct.
14	can assume reoperation rate with the native tissue	14	A. Correct.
14 15	can assume reoperation rate with the native tissue repair is 5 percent.	14 15	A. Correct.Q. Okay. And nowhere in your report do you
14 15 16	can assume reoperation rate with the native tissue repair is 5 percent. Q. I appreciate that. But my question is: Do	14 15 16	A. Correct. Q. Okay. And nowhere in your report do you provide an analysis of why you disagree with their
14 15 16 17	can assume reoperation rate with the native tissue repair is 5 percent. Q. I appreciate that. But my question is: Do you have any criticism or critique of their analysis, in	14 15 16 17	 A. Correct. Q. Okay. And nowhere in your report do you provide an analysis of why you disagree with their conclusions, other than you cite to some other evidence? A. Correct.
14 15 16 17 18	can assume reoperation rate with the native tissue repair is 5 percent. Q. I appreciate that. But my question is: Do you have any criticism or critique of their analysis, in reviewing all of this medical literature that reach this	14 15 16 17 18	 A. Correct. Q. Okay. And nowhere in your report do you provide an analysis of why you disagree with their conclusions, other than you cite to some other evidence? A. Correct. Q. And, lastly, if you could turn your attention
14 15 16 17 18 19	can assume reoperation rate with the native tissue repair is 5 percent. Q. I appreciate that. But my question is: Do you have any criticism or critique of their analysis, in reviewing all of this medical literature that reach this conclusion that	14 15 16 17 18 19	 A. Correct. Q. Okay. And nowhere in your report do you provide an analysis of why you disagree with their conclusions, other than you cite to some other evidence? A. Correct. Q. And, lastly, if you could turn your attention to page 16, please.
14 15 16 17 18 19 20	can assume reoperation rate with the native tissue repair is 5 percent. Q. I appreciate that. But my question is: Do you have any criticism or critique of their analysis, in reviewing all of this medical literature that reach this conclusion that A. No.	14 15 16 17 18 19 20	 A. Correct. Q. Okay. And nowhere in your report do you provide an analysis of why you disagree with their conclusions, other than you cite to some other evidence? A. Correct. Q. And, lastly, if you could turn your attention to page 16, please. A. Of my report or
14 15 16 17 18 19 20 21	can assume reoperation rate with the native tissue repair is 5 percent. Q. I appreciate that. But my question is: Do you have any criticism or critique of their analysis, in reviewing all of this medical literature that reach this conclusion that A. No. Q we just read?	14 15 16 17 18 19 20 21	 A. Correct. Q. Okay. And nowhere in your report do you provide an analysis of why you disagree with their conclusions, other than you cite to some other evidence? A. Correct. Q. And, lastly, if you could turn your attention to page 16, please.

26 (Pages 98 to 101)

	Page 102		Page 104
1	A. Okay.	1	A. I do not.
2	Q. On 16, under Section 1.4.2	2	Q. Okay. Doctor, if you could turn back to
3	A. Got it.	3	Exhibit 1, your report. On page 19
4	Q. On page 16, the authors of the Cochrane	4	A. Okay.
5	Review have a section entitled "1.4.2 mesh Exposure."	5	Q you have a section entitled "Mesh
6	A. Okay.	6	Exposure." Do you see that?
7	Q. And, here, they're looking at 19 RCTs, one to	7	A. Yes.
8	three-year review. Do you see that?	8	Q. Okay. And you start, "An overall mesh
9	A. Yes.	9	explosive rate of 3 to 8 percent is an acceptable rate
10	Q. And we discussed, the RCTs are also in the	10	by today's standards."
11	highest level of evidence; correct?	11	Did I read that correctly?
12	A. They are.	12	A. Yes, you did.
13	Q. And they looked at 19 of them. And they	13	Q. And we just looked at the Cochrane Review
14	state, "While a woman undergoing a native tissue repair	14	that found at least a 50 percent higher exposure rate;
15	has no risk of mesh exposure, overall, 134 out of 1,097,	15	correct?
16	or 12 percent, women in the transvaginal permanent mesh	16	A. Correct.
17	groups had mesh exposure."	17	Q. What is your standard for determining what's
18	Did I read that correctly?	18	an acceptable rate of erosion?
19	A. Yes, you did.	19	A. Just the medical literature and my experience
20	Q. Okay. And they're just stating that after	20	and education.
21	they looked at 19 RTCs, they found that 12 percent of	21	Q. Okay. And the Cochrane Review from 2016,
22	the women had exposure; correct?	22	from this year, actually found at least a 50 percent
23	A. Correct.	23	higher rate; isn't that correct?
24	Q. Okay. And then, as we were discussing	24	A. That's correct.
	Page 103		Page 105
1	earlier, down in Section 1.4.4 on that same page, they	1	Q. Okay. So would you like to update your
2	state that "Surgery for mesh exposure was required in	2	report, where you said that 3 to 8 percent is
3	8 percent of women, 100 out of 1227."	3	acceptable?
4	Did I read that correctly?	4	A. No, I don't go I'm not just looking at the
5	A. Yes.	5	Cochrane; I'm looking at everything. And most of the
6	Q. Okay. And so of the, you know, 12 percent of	6	randomized trials and most of the experts in the field
7	women that had erosion, 8 percent of all of the women,	7	think that a 3 to 8 percent is acceptable in today's
8	overall, had to have surgery for that erosion; correct?	8	standards.
9	A. Correct.	9	Q. So, if it was well above that, would it be
10	MR. WALKER: I'm sorry, counselor, where was	10	unacceptable?
11	the 8 percent?	11	A. It would be above the standard.
12	MR. BENTLEY: At the bottom of the page on	12	Q. Okay. So if, in fact, the exposure rate was
13	16, under 1.4.4.	13	12 percent, that would be above the standard by today's
14	MR. WALKER: Got it. Thanks.	14	standards?
15	BY MR. BENTLEY:	15	A. I would think so, yes.
	0 0 11 1 10 01 1 1 1 1 1	16	Q. Okay. And the Cochrane Review actually
16	Q. So, well over half of the women that had the		
	Q. So, well over half of the women that had the erosion had to have some sort of surgical revision	17	looked at 19 RCTs; correct?
16		17 18	looked at 19 RCTs; correct? A. Correct.
16 17	erosion had to have some sort of surgical revision	1	A. Correct.
16 17 18	erosion had to have some sort of surgical revision procedure to treat their A. Correct.	18	A. Correct.Q. Okay. Doctor, if you could turn to page 21
16 17 18 19	erosion had to have some sort of surgical revision procedure to treat their A. Correct. Q. And that's consistent with your review of the	18 19	A. Correct.Q. Okay. Doctor, if you could turn to page 21 in your report. We briefly looked at this earlier, but
16 17 18 19 20	erosion had to have some sort of surgical revision procedure to treat their A. Correct.	18 19 20	A. Correct.Q. Okay. Doctor, if you could turn to page 21
16 17 18 19 20 21	erosion had to have some sort of surgical revision procedure to treat their A. Correct. Q. And that's consistent with your review of the medical literature; correct? A. Correct.	18 19 20 21	A. Correct.Q. Okay. Doctor, if you could turn to page 21 in your report. We briefly looked at this earlier, but I forgot to ask.A. Okay.
16 17 18 19 20 21 22	erosion had to have some sort of surgical revision procedure to treat their A. Correct. Q. And that's consistent with your review of the medical literature; correct?	18 19 20 21 22	A. Correct.Q. Okay. Doctor, if you could turn to page 21 in your report. We briefly looked at this earlier, but I forgot to ask.

27 (Pages 102 to 105)

1 2 3 4 5 6 7 8	Do you see that? A. Yes, I do. Q. Did you look at any patient brochures? A. I've seen them, yes.	1 2 3	Q. And what study is that?A. It's a study that I think it was quotedwith what's his name I can't remember. I do have
3 4 5 6 7	Q. Did you look at any patient brochures?A. I've seen them, yes.		
4 5 6 7	A. I've seen them, yes.	3	with what's his name I can't remember. I do have
5 6 7			
6 7		4	a study. I don't know which one it is, but I do have a
7	Q. Okay. But in your report, do you discuss any	5	study that gives you the reaction to mesh from
	of their brochures or why you feel they're adequate?	6	implantation to six to eight weeks, and at that point it
8	A. Patient brochures?	7	shows no foreign-body reaction.
	Q. Yes.	8	Q. So you haven't reviewed any documents from
9	A. I didn't discuss them, no. But I've used	9	Ethicon scientists discussing the existence of a chronic
10	them with patients.	10	and ongoing foreign-body reaction related
11	Q. Okay.	11	A. No.
12	A. And so I know of them and I've seen them.	12	Q to polypropylene implants?
13	And we used to used them in the courses.	13	A. No.
14	Q. Okay. But you don't present or disclose any	14	MR. WALKER: Object to form.
15	opinions regarding the patient brochures in your report;	15	Q. Would you have liked to have seen those
16	correct?	16	documents, if they exist?
17	A. Other than my experience with them has been	17	A. In the context of whatever they were
18	they're adequate.	18	discussing.
19	Q. Sure. But in your report, you don't have a	19	Q. Right.
20	single sentence discussing patient brochures, correct,	20	A. Yeah.
21	other than that section header?	21	Q. And would you agree that the foreign-body
22	A. No. No. Correct.	22	reaction and the inflammatory processes that occurred
23	Q. And like the legal regulatory requirements	23	those can lead to scarring and scar plating?
24	for the IFUs, you haven't reviewed those same	24	MR. WALKER: Object to form.
	Page 107		Page 109
1	requirements for patient labeling; correct?	1	A. That can, yes.
2	MR. WALKER: Object to form.	2	Q. Do you have an understanding that the
3	A. No. I didn't even know there was regulation	3	foreign-body reaction, leading into the scar plating,
4	for patient labeling.	4	can lead to pain for a woman?
5	Q. And have you reviewed the Ethicon internal	5	MR. WALKER: Object to form.
6	standards for patient labeling?	6	A. I don't think the scar plating is the cause
7	A. I have not.	7	of pain, no.
8	Q. Okay. And have you reviewed Ethicon's	8	Q. Okay. Do you know whether the amount of mesh
9	internal standards for what needs to go into an IFU?	9	implanted impacts the intensity of the foreign-body
10	A. No.	10	reaction?
11	Q. Okay. Doctor, do you have an understanding	11	A. Well, the more mesh, the more foreign-body
12	of whether or not the mesh in the Prolift elicits a	12	reaction, yes.
13	foreign-body reaction in the body?	13	Q. So you would agree that with a bigger piece
14	A. It does.	14	of mesh, there's more foreign body reaction?
15	Q. Okay. And does that continue for as long as	15	A. Yes.
16	the implant is inside the woman's body?	16	Q. Which could potentially lead to more scar
17	A. I don't think so, no.	17	plating; correct?
18	Q. You think the foreign-body reaction, at some	18	MR. WALKER: Object to form.
19	point, stops?	19	A. Yes.
	A. It ends at about six to eight weeks.	20	Q. Doctor, are you familiar with bridging
		21	fibrosis?
20	U. Ukay. And what evidence are you relying upon		
20 21	Q. Okay. And what evidence are you relying upon for that opinion?		
20 21 22	for that opinion?	22	A. I am not.
20 21			

28 (Pages 106 to 109)

	Page 110		Page 112
1	A. I haven't seen anything specific to bridging	1	MR. WALKER: Object to form.
2	fibrosis.	2	A. Because pelvic floor surgeons learn from
3	Q. And you haven't reviewed any of Ethicon's	3	training, from working with other pelvic floor surgeons,
4	internal documents discussing bridging fibrosis and the	4	from their experience, the medical literature, and their
5	Prolift implant?	5	experience with their patients. And these are all
6	A. No.	6	complications that can occur with any type of pelvic
7	Q. Doctor, if you could please turn to page 18	7	organ prolapse.
8	of your report.	8	Q. Okay. So you're not citing to any specific
9	A. Do you mind if I stand while I talk to you?	9	study reviewing the general knowledge of surgeons; is
10	Q. Sure.	10	that fair?
11	A. Are you sure?	11	A. No.
12	Q. No video.	12	Q. Okay. And you haven't
13	A. What's that?	13	A. That's correct.
14	Q. If you turn to 18	14	Q. And you haven't undertaken any type of effort
15	A. I got it, yeah.	15	to poll or take a survey of the other doctors; correct?
16	Q in your report.	16	A. No.
17	A. Okay.	17	Q. And we discussed that some surgeons have less
18	Q. Your first full paragraph, you state,	18	access to medical literature than you do; correct?
19	"Medical societies (ACOG, AUGS, SUFU, AUA, SGS) have all	19	MR. WALKER: Object to form.
20	put four favorable position statements in regards to	20	A. Maybe not less access, but knowledge of
21	mesh used in pelvic organ prolapse." Is that correct?	21	medical literature.
22	A. Correct.	22	Q. Okay.
23	Q. Okay. And we just looked at a committee	23	A. Okay?
24	opinion by ACOG. Do you remember that?	24	Q. And so it would be fair to say that maybe
	Page 111		Page 113
1	A. Yes.	1	some doctors don't have the same level of knowledge as
2	Q. Okay. And it was critical of using these	2	you might; isn't that fair?
3	mesh-based kits such as Prolift; correct?	3	MR. WALKER: Object to form.
4	A. Correct.	4	A. That's correct.
5		_	
_	Q. Okay. So that opinion in your report isn't	5	Q. Would you agree that Ethicon has access to
6	entirely accurate; isn't that correct?	6	Q. Would you agree that Ethicon has access to the best information regarding the frequency and
7	entirely accurate; isn't that correct? A. That's correct.	6 7	Q. Would you agree that Ethicon has access to the best information regarding the frequency and severity of complications related to its devices?
7	entirely accurate; isn't that correct? A. That's correct. Q. Doctor, if you could please turn your	6 7 8	Q. Would you agree that Ethicon has access to the best information regarding the frequency and severity of complications related to its devices? MR. WALKER: Object to form.
7 8 9	entirely accurate; isn't that correct? A. That's correct. Q. Doctor, if you could please turn your attention to page 20 in your report.	6 7 8 9	Q. Would you agree that Ethicon has access to the best information regarding the frequency and severity of complications related to its devices? MR. WALKER: Object to form. A. Not necessarily.
7 8 9 10	entirely accurate; isn't that correct? A. That's correct. Q. Doctor, if you could please turn your attention to page 20 in your report. A. Okay.	6 7 8 9 10	 Q. Would you agree that Ethicon has access to the best information regarding the frequency and severity of complications related to its devices? MR. WALKER: Object to form. A. Not necessarily. Q. Would you agree that Ethicon has access to
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29 (Pages 110 to 113)

	Page 114		Page 116
1	A. Correct.	1	choose to undergo a procedure to have one of these
2	Q. Would you agree that it would be reasonable	2	devices permanently implanted; isn't that correct?
3	for a company like Ethicon to share that information	3	MR. WALKER: Object to form.
4	with doctors, in case they don't have your level of	4	A. Correct.
5	knowledge regarding the complications of these devices?	5	Q. And if patients don't have that information,
6	MR. WALKER: Object to form.	6	they can't make an informed consent; isn't that correct?
7	A. They did. I think they did.	7	MR. WALKER: Object to form.
8	MR. BENTLEY: I'm sorry, I'm going to move to	8	A. That's correct.
9	strike.	9	Q. Doctor, you offer opinions as to the adequacy
10	THE WITNESS: Okay.	10	of the warnings provided by Ethicon; isn't that correct?
11	BY MR. BENTLEY:	11	A. That's correct.
12	Q. That wasn't exactly my question, though.	12	Q. And you've reviewed the IFUs; isn't that
13	A. Oh.	13	correct?
14	Q. Doctor, would you agree that it would be	14	A. That's correct.
15	reasonable for a company like Ethicon to share that	15	Q. Do you understand that there's been multiple
16	information with doctors, in case those doctors don't	16	drafts of IFUs for the Prolift devices?
17	have your level of knowledge regarding the complications	17	A. I do.
18	of devices like Prolift?	18	Q. Do you know what
19	Would you agree that that would be	19	MR. WALKER: Object to form.
20	reasonable, for Ethicon to share that information?	20	I'm sorry. Drafts, are you referring to
21	MR. WALKER: Object to form.	21	actual IFUs or drafts of
22	A. Yes.	22	MR. BENTLEY: I'll clear that.
23	Q. Would you agree that it would be reasonable	23	BY MR. BENTLEY:
24	for Ethicon to share that information with doctors via	24	Q. Doctor, do you understand that there's been
	Tot Ethicon to share that information with doctors via		Q. Doctor, do you understand that there's been
	Page 115		Page 117
1	Page 115 the IFU or via a dear-healthcare-provider letter?	1	
1 2		1 2	multiple versions or iterations of final Prolift IFUs
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30 (Pages 114 to 117)

	Page 118		Page 120
1	IFU, regarding those complications and safety	1	A. Patients who were high risk, for patients who
2	information if Ethicon had that information from the	2	are high risk for failure or recurrences, or advanced
3	very beginning, should Ethicon have put that information	3	prolapse patients or patients who were, from a physical
4	in the IFU from the very beginning?	4	standpoint, a native tissue repair, and a large open
5	MR. WALKER: Object to form.	5	repair would be detrimental to their health. Just
6	A. Any information that they had that was	6	clinical aspects like that. Yes.
7	scientific, yes.	7	Q. It's your testimony that that was Ethicon's
8	Q. Okay. So let me clean that up.	8	understanding of who the appropriate patient was for
9	A. Okay.	9	Prolift; is that correct?
10	Q. Through time, Ethicon released a number of	10	A. That
11	updated Prolift IFUs; correct?	11	MR. WALKER: Object to form.
12	A. That's correct.	12	A. Yes, that's my understanding.
13	Q. And we've discussed that, ultimately, Ethicon	13	Q. And you agree that that information should
14	added more information regarding those warnings into the	14	have been put out there by Ethicon; correct?
15	IFU; correct?	15	MR. WALKER: Object to form.
16	A. That's correct.	16	A. It was.
17	Q. And if Ethicon had had the information	17	Q. I'm sorry. I'm just striking out.
18	regarding those complications and that safety data from	18	A. Well, you asked me.
19	the very beginning, would you agree that Ethicon should	19	Q. Sorry.
20	have put that information in the very first IFU?	20	A. Because I was the one that put it out. When
21	MR. WALKER: Object to form.	21	I give these courses, that's what I told the doctors.
22	A. If they had the information, yes.	22	So it was out there.
23	Q. Doctor, do you think it's helpful for doctors	23	Q. Appreciate that.
24	if information regarding the appropriate patient for the	24	A. I appreciate that.
	Page 119		Page 121
1	Prolift procedure had been conveyed to them from	1	Q. I'm going to re-ask.
2	Ethicon?	2	A. Okay.
3	MR. WALKER: Object to form.	3	Q. Can you agree that it would have been
4	A. Patient selection? No.	4	reasonable for Ethicon to put that information out there
5	Q. Bad question.	5	to doctors, regarding which patients the Prolift was
6	We discussed, today, that you don't believe	6	appropriate for?
7	that the Prolift device is the appropriate device for	7	A. Yes.
8	every patient for a primary surgery; correct?	8	Q. Yes. Okay.
9	MR. WALKER: Object to form.	9	A. Okay.
10	A. That's correct.	10	MR. BENTLEY: Doctor, thank you. That's all
11	Q. If Ethicon also had that same belief, that	11	the questions I have.
12	the Prolift was not appropriate for every patient	12	EXAMINATION
13	suffering from prolapse, do you think it would have been	13	BY MR. WALKER:
14	helpful for Ethicon to get that information out to	14	Q. Doctor, let's begin
14 15	helpful for Ethicon to get that information out to doctors?	14 15	Q. Doctor, let's beginA. Let's do it.
14 15 16	helpful for Ethicon to get that information out to doctors? MR. WALKER: Object to form.	14 15 16	Q. Doctor, let's beginA. Let's do it.Q where we ended.
14 15 16 17	helpful for Ethicon to get that information out to doctors? MR. WALKER: Object to form. A. Yes.	14 15 16 17	Q. Doctor, let's beginA. Let's do it.Q where we ended.A. Yes, redirect.
14 15 16 17 18	helpful for Ethicon to get that information out to doctors? MR. WALKER: Object to form. A. Yes. Q. Do you know, as you sit here today, whether	14 15 16 17 18	 Q. Doctor, let's begin A. Let's do it. Q where we ended. A. Yes, redirect. Q. All right.
14 15 16 17 18 19	helpful for Ethicon to get that information out to doctors? MR. WALKER: Object to form. A. Yes. Q. Do you know, as you sit here today, whether or not Ethicon internally believed that Prolift was not	14 15 16 17 18 19	 Q. Doctor, let's begin A. Let's do it. Q where we ended. A. Yes, redirect. Q. All right. A. Famous words.
14 15 16 17 18 19 20	helpful for Ethicon to get that information out to doctors? MR. WALKER: Object to form. A. Yes. Q. Do you know, as you sit here today, whether or not Ethicon internally believed that Prolift was not appropriate for all patients?	14 15 16 17 18 19 20	 Q. Doctor, let's begin A. Let's do it. Q where we ended. A. Yes, redirect. Q. All right. A. Famous words. Q. Doctor, I direct your attention to page 21 of
14 15 16 17 18 19 20 21	helpful for Ethicon to get that information out to doctors? MR. WALKER: Object to form. A. Yes. Q. Do you know, as you sit here today, whether or not Ethicon internally believed that Prolift was not appropriate for all patients? A. Yes.	14 15 16 17 18 19 20 21	 Q. Doctor, let's begin A. Let's do it. Q where we ended. A. Yes, redirect. Q. All right. A. Famous words. Q. Doctor, I direct your attention to page 21 of your report.
14 15 16 17 18 19 20 21	helpful for Ethicon to get that information out to doctors? MR. WALKER: Object to form. A. Yes. Q. Do you know, as you sit here today, whether or not Ethicon internally believed that Prolift was not appropriate for all patients? A. Yes. Q. What's your understanding as to Ethicon's	14 15 16 17 18 19 20 21 22	 Q. Doctor, let's begin A. Let's do it. Q where we ended. A. Yes, redirect. Q. All right. A. Famous words. Q. Doctor, I direct your attention to page 21 of your report. THE WITNESS: Do they get do you get to
14 15 16 17 18 19 20 21	helpful for Ethicon to get that information out to doctors? MR. WALKER: Object to form. A. Yes. Q. Do you know, as you sit here today, whether or not Ethicon internally believed that Prolift was not appropriate for all patients? A. Yes.	14 15 16 17 18 19 20 21	 Q. Doctor, let's begin A. Let's do it. Q where we ended. A. Yes, redirect. Q. All right. A. Famous words. Q. Doctor, I direct your attention to page 21 of your report.

31 (Pages 118 to 121)

	Page 122		Page 124
1	originals back when I finalize	1	A. I am.
2	THE WITNESS: Oh, okay.	2	Q. And how are you familiar with it?
3	BY MR. WALKER:	3	A. This was used for some of the teaching
4	Q. I direct your attention to page 21	4	programs that we had with cadaver labs.
5	A. Okay.	5	Q. And was this a document that Ethicon provided
6	Q of your report.	6	to doctors not employed by the company?
7	A. Got it.	7	A. Yes.
8	Q. Specifically, the last paragraph.	8	MR. BENTLEY: Objection, leading, scope.
9	A. Um-hmm.	9	Q. And how do you know that?
10	Q. Doctor, you opine, in your report, that the	10	A. Because I saw them hand it out.
11	Prolift IFU, in addition to other materials, adequately	11	Q. And does this document contain information
12	describes the risks that are specifically unique to	12	about appropriate patient selection for a Prolift
13	Prolift; is that correct?	13	procedure?
14	MR. BENTLEY: Objection.	14	MR. BENTLEY: Objection.
15	A. That's correct.	15	A. It does.
16	Q. And, Doctor, what is the basis for your	16	Q. And does this document contain information
17	opinion that the Prolift IFU adequately describes the	17	about the risks or complications that are that can be
18	risks that are specific or unique to Prolift?	18	associated with the Prolift device?
19	MR. BENTLEY: Objection.	19	MR. BENTLEY: Objection, leading.
20	A. Based on the possible risks associated with	20	A. Yes.
21	Prolift, itself, I think they elicit them correctly.	21	Q. And is this a document that you reviewed and
22	And based on the fact that any other pelvic organ	22	relied upon in forming your opinions about the adequacy
23	prolapse can have other risks, and they don't have to	23	of the information Ethicon provided to the medical
24	list those if it should be common knowledge with	24	community?
	no these is to should be common that with the		
	Page 123		Page 125
1	pelvic floor surgeons, which I think it is.	1	MR. BENTLEY: Objection.
2	Q. And are your reasons for thinking that	2	A. Yes.
3	fleshed out on page 22 of your report?	3	Q. That's all for that document
4	A. It is.	4	A. Okay.
5	MR. BENTLEY: Objection.	5	Q Doctor.
6	Q. One of the documents that you mention on	6	I direct your attention to page 14 of your
7	page 21 is the Surgeon's Resource Monograph for Prolift;	7	report.
8	correct?	8	A. Okay.
9	A. That's correct.	9	Q. Do you remember being asked questions about
10	MR. WALKER: I'd like to mark that. I'm	10	the success rates
11	going to mark this as Exhibit 8. And I only have	11	A. Yes.
12	one copy. I'm going to look on with you.	12	Q of Prolift?
13	THE WITNESS: All right.	13	A. I'm sorry. Yes.
14	MR. WALKER: I've only got one copy.	14	Q. And, Doctor, you have a chart on page 14 of
15	(Exhibit 8 marked for identification.)	15	your report; is that correct?
16	BY MR. WALKER:	16	A. That's correct.
17	Q. If you'll turn the page. And then, on the	17	Q. What information does this chart contain?
i		18	A. This chart contains information from some
18	third page, I think, essentially do you see that		
	third page, I think, essentially do you see that third page?	19	randomized control trials that show the number of
18 19 20	third page, I think, essentially do you see that third page? A. Yes.	19 20	randomized control trials that show the number of patients and the compartments that were treated with the
19	third page? A. Yes.	20	patients and the compartments that were treated with the
19 20 21	third page? A. Yes. Q. First of all, are you familiar with the	20 21	patients and the compartments that were treated with the Prolift procedure, mesh anatomical cure, native
19 20 21 22	third page? A. Yes. Q. First of all, are you familiar with the Surgeon's Monograph that you're holding?	20 21 22	patients and the compartments that were treated with the Prolift procedure, mesh anatomical cure, native anatomical cure, and the clinical significance.
19 20 21	third page? A. Yes. Q. First of all, are you familiar with the	20 21	patients and the compartments that were treated with the Prolift procedure, mesh anatomical cure, native

32 (Pages 122 to 125)

	Page 126		Page 128
1	A. Nine.	1	BY MR. WALKER:
2	Q. And are these all studies that you have	2	Q. You're correct.
3	reviewed and	3	A. The Altman study. Okay. The Altman study
4	A. They are.	4	has a randomized control trial with Prolift and native
5	Q relied upon?	5	tissue. The failure rate with Prolift was 39 percent
6	A. They are.	6	and the failure, with traditional, 65 percent. And that
7	Q. And what are the findings of these studies,	7	reached statistical significance.
8	in terms of the anatomic curative mesh versus native	8	Q. And you were initially asked some questions,
9	tissue repair?	9	I believe, regarding, you know, when you would want to
10	A. They all were higher in the mesh repair	10	use a Prolift to treat a patient prolapse.
11	versus the native tissue repair.	11	Do you remember those types of questions?
12	Q. I'm going to turn your attention to page 16	12	A. I do.
13	of your report, Doctor.	13	Q. Why would a doctor like yourself choose to
14	A. Um-hmm.	14	use a synthetic mesh product like Prolift instead of
15	Q. Strike that. Let's go to page 15.	15	just relying on native tissue repair?
16	A. Okay.	16	MR. BENTLEY: Objection.
17	Q. There was testimony about the two different	17	A. Under certain circumstances, a synthetic mesh
18	Cochrane Reviews.	18	repair would probably be safer for a patient.
19	A. Right.	19	Q. And, Doctor
20	Q. Do you remember that?	20	A. And if we feel that there is a higher risk
21	A. Yes.	21	for a recurrence or a failure, then this would help.
22	Q. And you're citing, here, from a Cochrane	22	Q. And how does Prolift help mitigate against
23	Review in 2013; is that correct?	23	the risk of a higher likelihood of recurrence?
24	A. That's correct.	24	MR. BENTLEY: Objection.
	Page 127		Page 129
1	Q. And that's after Prolift was	1	A. With native tissue repair, you're using
2	decommercialized; correct?	2	tissue that could already be damaged from previous
3	MR. BENTLEY: Objection.	3	whatever whatever issues that the patient had that
4	A. Correct.	4	caused her to develop the prolapse, whether it was
5	Q. And, Doctor, based on this meta-analysis,	5	childbirth or other surgeries, or anything like that.
6	what was the failure rate of Prolift compared to native	6	So by adding a synthetic reinforcement, you are now
7	tissue or traditional repair?	1 7	
			recreating a new support structure.
8	A. I'm not seeing that on this.	8	Q. And, Doctor, do you remember being asked
9	Q. Oh, I'm sorry. I'm looking	8 9	Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion?
9 10	_	8 9 10	Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion?A. I do.
9 10 11	Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate.	8 9 10 11	Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion?A. I do.Q. And I believe the reference was made in your
9 10	 Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring 	8 9 10 11 12	 Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the
9 10 11	 Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. 	8 9 10 11 12 13	 Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that?
9 10 11 12	 Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. 	8 9 10 11 12 13 14	 Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes.
9 10 11 12 13	 Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. Q. I'm sorry. Looking 	8 9 10 11 12 13 14 15	 Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes. Q. If you'll turn to page 16 of your report,
9 10 11 12 13 14	 Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. Q. I'm sorry. Looking A. Okay. 	8 9 10 11 12 13 14 15	 Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes. Q. If you'll turn to page 16 of your report, Doctor.
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9 10 11 12 13 14 15	 Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. Q. I'm sorry. Looking A. Okay. 	8 9 10 11 12 13 14 15 16 17 18	 Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes. Q. If you'll turn to page 16 of your report, Doctor. A. Okay. Q. Does your report cite any medical literature
9 10 11 12 13 14 15 16	 Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. Q. I'm sorry. Looking A. Okay. Q. Looking 	8 9 10 11 12 13 14 15 16 17	 Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes. Q. If you'll turn to page 16 of your report, Doctor. A. Okay. Q. Does your report cite any medical literature that documents an erosion rate in Prolift below
9 10 11 12 13 14 15 16 17	Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. Q. I'm sorry. Looking A. Okay. Q. Looking A. Okay. MR. WALKER: Can you repeat the question? THE REPORTER: (Q) And, Doctor, based on this	8 9 10 11 12 13 14 15 16 17 18 19 20	Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes. Q. If you'll turn to page 16 of your report, Doctor. A. Okay. Q. Does your report cite any medical literature that documents an erosion rate in Prolift below 8 percent?
9 10 11 12 13 14 15 16 17 18	Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. Q. I'm sorry. Looking A. Okay. Q. Looking A. Okay. MR. WALKER: Can you repeat the question?	8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes. Q. If you'll turn to page 16 of your report, Doctor. A. Okay. Q. Does your report cite any medical literature that documents an erosion rate in Prolift below 8 percent? MR. BENTLEY: Objection.
9 10 11 12 13 14 15 16 17 18 19 20	Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. Q. I'm sorry. Looking A. Okay. Q. Looking A. Okay. MR. WALKER: Can you repeat the question? THE REPORTER: (Q) And, Doctor, based on this	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes. Q. If you'll turn to page 16 of your report, Doctor. A. Okay. Q. Does your report cite any medical literature that documents an erosion rate in Prolift below 8 percent?
9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Oh, I'm sorry. I'm looking A. It just has cure rate and then mesh exposure rate. Q. I'm sorry. I looking I'm not referring you to the chart. A. Oh, I'm sorry. Q. I'm sorry. Looking A. Okay. Q. Looking A. Okay. MR. WALKER: Can you repeat the question? THE REPORTER: (Q) And, Doctor, based on this meta-analysis, what was the failure rate of	8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And, Doctor, do you remember being asked questions about the ideal rate of erosion? A. I do. Q. And I believe the reference was made in your report to 8 percent being the ceiling, in terms of the ideal rate of erosion. Do you recall that? A. 3 to 8 percent, yes. Q. If you'll turn to page 16 of your report, Doctor. A. Okay. Q. Does your report cite any medical literature that documents an erosion rate in Prolift below 8 percent? MR. BENTLEY: Objection.

33 (Pages 126 to 129)

	Page 130		Page 132
1	A. The Altman study had a 3.2 percent,	1	MR. BENTLEY: Objection, vague.
2	De Landsheere study had a 2.5 percent, and the	2	Q. Doctor, do you remember being shown the Clavé
3	Benbouzoid had a 5.3 percent.	3	study, regarding degradation of polypropylene?
4	Q. And then, Doctor, have there been any	4	A. Yes.
5	long-term studies that have looked at Prolift?	5	Q. And, Doctor, is the Clavé article a
6	A. There have been.	6	meta-analysis?
7	Q. Did you review and rely upon any of those, in	7	A. No.
8	formulating your opinions and drafting your report?	8	Q. Is it a randomized control trial?
9	A. I did.	9	A. No.
10	Q. Specifically, which ones?	10	MR. BENTLEY: Leading.
11	A. There's a seven-year follow-up and the	11	Q. And do you remember being shown, Doctor, the
12	Maher follow-up.	12	article on degradation of polypropylene in vivo by
13	Q. What was the conclusion of the Maher	13	Vladimir Iakovlev and Scott Guelcher?
14	follow-up of seven years?	14	A. Yes.
15	A. Their conclusions were, "Women undergoing	15	Q. Doctor, are you familiar with either of these
16	transvaginal mesh prolapse surgery using synthetic graft	16	two authors?
17	continue to have positive objective and subjective	17	A. Personally, no.
18	outcomes leading to significantly improved quality of	18	Q. And in terms of your consultation in these
19	life at five-year follow-up."	19	cases, are you familiar
20	MR. BENTLEY: What exhibit was that from?	20	A. Yes.
21	MR. WALKER: It was just from his report,	21	O with these individuals?
22	page 17. Bottom of 16 and page 17.	22	A. Yes.
23	BY MR. WALKER:	23	O. How so?
24	Q. Doctor, do you remember being asked questions	24	A. I have read their articles or reviewed some
	Page 131		Page 133
1			
	about the relevance of TVT, TVT-O, and TVT literature,	1	of their publications.
2	in formulating your opinions about the biocompatibility	1 2	Q. And do you recall either reviewing or seeing
	in formulating your opinions about the biocompatibility of mesh?		Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev?
2 3 4	in formulating your opinions about the biocompatibility of mesh? A. Yes.	2 3 4	Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading.
2	in formulating your opinions about the biocompatibility of mesh? A. Yes. Q. Doctor, would you agree that TVT and TVT-O	2 3 4 5	 Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No.
2 3 4	in formulating your opinions about the biocompatibility of mesh? A. Yes.	2 3 4 5 6	 Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No. Q. Are you aware that Dr. Iakovlev and
2 3 4 5	in formulating your opinions about the biocompatibility of mesh? A. Yes. Q. Doctor, would you agree that TVT and TVT-O are made of Prolene? A. Yes.	2 3 4 5	 Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No. Q. Are you aware that Dr. Iakovlev and Dr. Guelcher are designated experts for the plaintiffs
2 3 4 5 6 7 8	in formulating your opinions about the biocompatibility of mesh? A. Yes. Q. Doctor, would you agree that TVT and TVT-O are made of Prolene? A. Yes. Q. And would you also agree that Prolift is also	2 3 4 5 6 7 8	 Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No. Q. Are you aware that Dr. Iakovlev and Dr. Guelcher are designated experts for the plaintiffs in the mesh litigation?
2 3 4 5 6 7	in formulating your opinions about the biocompatibility of mesh? A. Yes. Q. Doctor, would you agree that TVT and TVT-O are made of Prolene? A. Yes. Q. And would you also agree that Prolift is also made of Prolene, just in a different construction?	2 3 4 5 6 7 8	 Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No. Q. Are you aware that Dr. Iakovlev and Dr. Guelcher are designated experts for the plaintiffs in the mesh litigation? MR. BENTLEY: Leading.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	in formulating your opinions about the biocompatibility of mesh? A. Yes. Q. Doctor, would you agree that TVT and TVT-O are made of Prolene? A. Yes. Q. And would you also agree that Prolift is also made of Prolene, just in a different construction? MR. BENTLEY: Objection. A. Yes. Q. So why, then, do you believe that the TVT literature is relevant, in terms of whether or not the Prolift mesh is suitable in terms of its biocompatibility? MR. BENTLEY: Objection. A. Because it's made from the same material. Q. From your review of the medical literature, what opinions have you formed regarding the biocompatibility of the mesh in Prolift?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No. Q. Are you aware that Dr. Iakovlev and Dr. Guelcher are designated experts for the plaintiffs in the mesh litigation? MR. BENTLEY: Leading. A. Actually, I am now aware Iakovlev is, I think. I knew that one. Q. And, Doctor, if you could do you have that exhibit in front of you? A. No. I can get it. What exhibit is it? Q. I frankly don't remember. A. Okay. Iakovlev. Got it. Q. Doctor, if you'll turn to page 11. A. Um-hmm. Q. Do you see the section titled "Acknowledgments"?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	in formulating your opinions about the biocompatibility of mesh? A. Yes. Q. Doctor, would you agree that TVT and TVT-O are made of Prolene? A. Yes. Q. And would you also agree that Prolift is also made of Prolene, just in a different construction? MR. BENTLEY: Objection. A. Yes. Q. So why, then, do you believe that the TVT literature is relevant, in terms of whether or not the Prolift mesh is suitable in terms of its biocompatibility? MR. BENTLEY: Objection. A. Because it's made from the same material. Q. From your review of the medical literature, what opinions have you formed regarding the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No. Q. Are you aware that Dr. Iakovlev and Dr. Guelcher are designated experts for the plaintiffs in the mesh litigation? MR. BENTLEY: Leading. A. Actually, I am now aware Iakovlev is, I think. I knew that one. Q. And, Doctor, if you could do you have that exhibit in front of you? A. No. I can get it. What exhibit is it? Q. I frankly don't remember. A. Okay. Iakovlev. Got it. Q. Doctor, if you'll turn to page 11. A. Um-hmm. Q. Do you see the section titled "Acknowledgments"? A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	in formulating your opinions about the biocompatibility of mesh? A. Yes. Q. Doctor, would you agree that TVT and TVT-O are made of Prolene? A. Yes. Q. And would you also agree that Prolift is also made of Prolene, just in a different construction? MR. BENTLEY: Objection. A. Yes. Q. So why, then, do you believe that the TVT literature is relevant, in terms of whether or not the Prolift mesh is suitable in terms of its biocompatibility? MR. BENTLEY: Objection. A. Because it's made from the same material. Q. From your review of the medical literature, what opinions have you formed regarding the biocompatibility of the mesh in Prolift?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No. Q. Are you aware that Dr. Iakovlev and Dr. Guelcher are designated experts for the plaintiffs in the mesh litigation? MR. BENTLEY: Leading. A. Actually, I am now aware Iakovlev is, I think. I knew that one. Q. And, Doctor, if you could do you have that exhibit in front of you? A. No. I can get it. What exhibit is it? Q. I frankly don't remember. A. Okay. Iakovlev. Got it. Q. Doctor, if you'll turn to page 11. A. Um-hmm. Q. Do you see the section titled "Acknowledgments"? A. Yes. Q. Doctor, do either of these two doctors
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	in formulating your opinions about the biocompatibility of mesh? A. Yes. Q. Doctor, would you agree that TVT and TVT-O are made of Prolene? A. Yes. Q. And would you also agree that Prolift is also made of Prolene, just in a different construction? MR. BENTLEY: Objection. A. Yes. Q. So why, then, do you believe that the TVT literature is relevant, in terms of whether or not the Prolift mesh is suitable in terms of its biocompatibility? MR. BENTLEY: Objection. A. Because it's made from the same material. Q. From your review of the medical literature, what opinions have you formed regarding the biocompatibility of the mesh in Prolift? A. I think it's biocompatible.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And do you recall either reviewing or seeing any expert reports from Dr. Iakovlev? MR. BENTLEY: Leading. A. No. Q. Are you aware that Dr. Iakovlev and Dr. Guelcher are designated experts for the plaintiffs in the mesh litigation? MR. BENTLEY: Leading. A. Actually, I am now aware Iakovlev is, I think. I knew that one. Q. And, Doctor, if you could do you have that exhibit in front of you? A. No. I can get it. What exhibit is it? Q. I frankly don't remember. A. Okay. Iakovlev. Got it. Q. Doctor, if you'll turn to page 11. A. Um-hmm. Q. Do you see the section titled "Acknowledgments"? A. Yes.

34 (Pages 130 to 133)

	Page 134		Page 136
1	MR. BENTLEY: Objection.	1	A. Polypropylene they have added oxidizing
2	Q in the mesh litigation?	2	agents to the polypropylene.
3	A. No.	3	Q. It's late. I think you got that
4	Q. And the date of this article is rather	4	A. Oh.
5	recent, correct, Doctor?	5	Q convoluted.
6	MR. BENTLEY: Objection.	6	A. Maybe the other way. Yeah, you're right.
7	A. July 2015, yes.	7	Q. Let's try that again.
8	Q. In your review of the medical literature, are	8	What is the difference between polypropylene
9	you aware of any meta-analysis looking at Prolene mesh	9	and Prolene?
10	products that has concluded that Prolene degrades in any	10	MR. BENTLEY: Objection.
11	kind of clinically meaningful way?	11	A. Polypropylene has the oxidate the
12	MR. BENTLEY: Objection.	12	oxidizing agents added to it.
13	A. No.	13	Q. Doctor, do you remember reviewing any
14	Q. Are you aware of any randomized control trial	14	internal company documents that reflected the
15	that has concluded that Prolene mesh degrades in any	15	ingredients of Prolene?
16	kind of clinically meaningful way?	16	A. Yes.
17	MR. BENTLEY: Objection.	17	Q. And do you recall how anti-oxidizing
18	A. No.	18	ingredients were added to Prolene?
19	Q. In your practice, have you seen degradation	19	A. Prolene, to get polypropylene.
20	of Prolene cause any clinically significant outcomes in	20	MR. BENTLEY: Objection.
21	your patients?	21	A. Right. Isn't that what I said?
22	MR. BENTLEY: Objection.	22	MR. BENTLEY: Objection.
23	A. No.	23	THE WITNESS: Objection. Can I breathe, or
24	Q. Have you reviewed or seen any medical	24	you are you going to object to that, too?
	Page 135		Page 137
1	literature that comes to the conclusion that degradation	1	MR. WALKER: It's late. It's late. We're
2	of Prolene actually causes any kind of clinical harm in	2	almost there.
3	any circumstance?	3	THE WITNESS: Okay.
4	MR. BENTLEY: Objection.	4	BY MR. WALKER:
5	A. No.	5	Q. You were asked a number of questions about
6	Q. And that's, Doctor, after reviewing a	6	Ethicon's decision to decommercialize Prolift. Do you
7	multitude of meta-analysis and randomized control trials	7	recall that?
8	relating to both TVT and Prolift?	8	A. I do.
9	MR. BENTLEY: Objection.	9	Q. And I believe you testified that their
10	A. Correct.	10	decision to decommercialize Prolift doesn't impact any
11	Q. And, Doctor, you've seen, in the Clavé study	11	of your opinions regarding the safety and efficacy of
	, , , , ,		
12	and the article by Iakovlev, the word "polypropylene"	12	Prolift. Is that correct?
12	and the article by Iakovlev, the word "polypropylene"	12	Prolift. Is that correct?
12 13	and the article by Iakovlev, the word "polypropylene" used	12 13	Prolift. Is that correct? MR. BENTLEY: Objection.
12 13 14	and the article by Iakovlev, the word "polypropylene" used A. Yes.	12 13 14	Prolift. Is that correct? MR. BENTLEY: Objection. A. That's correct.
12 13 14 15	and the article by Iakovlev, the word "polypropylene" used A. Yes. Q throughout; is that correct?	12 13 14 15	Prolift. Is that correct? MR. BENTLEY: Objection. A. That's correct. Q. Why is that?
12 13 14 15 16	and the article by Iakovlev, the word "polypropylene" used A. Yes. Q throughout; is that correct? A. Yes.	12 13 14 15 16	Prolift. Is that correct? MR. BENTLEY: Objection. A. That's correct. Q. Why is that? A. Because all my patients that I have implanted
12 13 14 15 16 17	and the article by Iakovlev, the word "polypropylene" used A. Yes. Q throughout; is that correct? A. Yes. Q. And we've also talked about how the mesh	12 13 14 15 16 17	Prolift. Is that correct? MR. BENTLEY: Objection. A. That's correct. Q. Why is that? A. Because all my patients that I have implanted with Prolift or have seen with Prolift have done very,
12 13 14 15 16 17 18	and the article by Iakovlev, the word "polypropylene" used A. Yes. Q throughout; is that correct? A. Yes. Q. And we've also talked about how the mesh products by Ethicon are made of Prolene; correct?	12 13 14 15 16 17 18	Prolift. Is that correct? MR. BENTLEY: Objection. A. That's correct. Q. Why is that? A. Because all my patients that I have implanted with Prolift or have seen with Prolift have done very, very well. So I have a positive result with it.
12 13 14 15 16 17 18 19	and the article by Iakovlev, the word "polypropylene" used A. Yes. Q throughout; is that correct? A. Yes. Q. And we've also talked about how the mesh products by Ethicon are made of Prolene; correct? MR. BENTLEY: Objection.	12 13 14 15 16 17 18 19	Prolift. Is that correct? MR. BENTLEY: Objection. A. That's correct. Q. Why is that? A. Because all my patients that I have implanted with Prolift or have seen with Prolift have done very, very well. So I have a positive result with it. Q. Does Ethicon's decision, in 2012, to
12 13 14 15 16 17 18 19 20	and the article by Iakovlev, the word "polypropylene" used A. Yes. Q throughout; is that correct? A. Yes. Q. And we've also talked about how the mesh products by Ethicon are made of Prolene; correct? MR. BENTLEY: Objection. A. That's correct.	12 13 14 15 16 17 18 19 20	Prolift. Is that correct? MR. BENTLEY: Objection. A. That's correct. Q. Why is that? A. Because all my patients that I have implanted with Prolift or have seen with Prolift have done very, very well. So I have a positive result with it. Q. Does Ethicon's decision, in 2012, to decommercialize Prolift, have any bearing on the
12 13 14 15 16 17 18 19 20 21	and the article by Iakovlev, the word "polypropylene" used A. Yes. Q throughout; is that correct? A. Yes. Q. And we've also talked about how the mesh products by Ethicon are made of Prolene; correct? MR. BENTLEY: Objection. A. That's correct. Q. Do you know what the difference is between	12 13 14 15 16 17 18 19 20 21	Prolift. Is that correct? MR. BENTLEY: Objection. A. That's correct. Q. Why is that? A. Because all my patients that I have implanted with Prolift or have seen with Prolift have done very, very well. So I have a positive result with it. Q. Does Ethicon's decision, in 2012, to decommercialize Prolift, have any bearing on the integrity of the data that's reflected in the medical

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1	Q. Doctor, you were asked a number of questions	1	A. Yes.
2	about life-altering complications. Do you remember	2	Q. And you testified, I believe, that you are
3	that?	3	not of the opinion that the mesh, itself, shrinks; is
4	A. Very vividly.	4	that correct?
5	Q. Doctor, is it fair to say that complications	5	MR. BENTLEY: Objection.
6	can be either short-term or long-term?	6	A. Yes.
7	A. Yes.	7	Q. And what is the basis for that opinion?
8	MR. BENTLEY: Objection.	8	A. Studies that have looked at ultrasounds after
9	Q. And are potential lifelong complications	9	mesh implantation over a long period of time and showed
10	something that's unique to Prolift surgery?	10	no change in the size of the mesh.
11	MR. BENTLEY: Objection.	11	Q. Doctor, I believe you said that if there is
12	A. No.	12	anything happening in terms of shrinkage or contraction,
13	Q. And how do you know that?	13	it's a function of tissue and not of the mesh; is that
14	A. I know that because I've seen lifelong	14	accurate?
15	complications from traditional repairs and other repairs	15	MR. BENTLEY: Objection.
16	that we do that are not mesh.	16	A. That's accurate.
17	Q. Doctor, you were asked questions about the	17	Q. And what is your basis for saying that tissue
18	frequency of complications.	18	contraction, as opposed to mesh contraction, is taking
19	A. Yes.	19	place?
20	Q. Do you remember that?	20	MR. BENTLEY: Objection.
21	A. Yes.	21	A. Because studies have showed that the mesh
22	Q. Is there more data in the medical literature	22	does not change in shape or size, but the tissue, when
23	regarding the frequency of complications for native	23	it incorporates into the mesh, will cause some scarring
24	tissue repair or for the Prolift procedure?	24	and some contraction. The tissue.
	Page 139		Page 141
1	MR. BENTLEY: Objection.	1	Q. I want to go back to the topic of
2	A. Is there more repeat the question again.	2	complications that are unique to mesh.
3	Q. Do you know if I'll slightly rephrase it.	3	Is pelvic pain, in your opinion, Doctor, a
4	A. Okay.	4	complication that is unique to Prolift?
5	Q. Do you know if there's more data in the	5	MR. BENTLEY: Objection.
6	medical literature, regarding the frequency of	6	A. No.
7	complications of native tissue repair or Prolift	7	Q. Is dyspareunia a complication that is unique
8	surgery?	8	to Prolift?
9	MR. BENTLEY: Objection.	9	A. No.
10	A. I do not.	10	Q. Is scarring a complication that is unique to
11	Q. Okay. You talked earlier about	11	Prolift?
12	standardization that came with mesh kits like Prolift.	12	MR. BENTLEY: Objection.
1.0	D 1 (1 (0	1 .	A 37
13	Do you remember that?	13	A. No.
14	A. Yes.	14	Q. Is infection a complication that is unique to
14 15	A. Yes. Q. And what is the relationship between the	14 15	Q. Is infection a complication that is unique to Prolift?
14 15 16	A. Yes. Q. And what is the relationship between the standardization of mesh kits and surgery to the quality	14 15 16	Q. Is infection a complication that is unique to Prolift? MR. BENTLEY: Same objection.
14 15 16 17	A. Yes. Q. And what is the relationship between the standardization of mesh kits and surgery to the quality of the data that you can gather from those procedures?	14 15 16 17	Q. Is infection a complication that is unique to Prolift? MR. BENTLEY: Same objection. A. No.
14 15 16 17	A. Yes. Q. And what is the relationship between the standardization of mesh kits and surgery to the quality of the data that you can gather from those procedures? A. It's much more accurate and scientific,	14 15 16 17 18	 Q. Is infection a complication that is unique to Prolift? MR. BENTLEY: Same objection. A. No. Q. And, Doctor, with what types of pelvic floor
14 15 16 17 18	A. Yes. Q. And what is the relationship between the standardization of mesh kits and surgery to the quality of the data that you can gather from those procedures? A. It's much more accurate and scientific, because now you're comparing two exactly same procedures	14 15 16 17 18 19	Q. Is infection a complication that is unique to Prolift? MR. BENTLEY: Same objection. A. No. Q. And, Doctor, with what types of pelvic floor surgeries can those complications I just asked you about
14 15 16 17 18 19 20	A. Yes. Q. And what is the relationship between the standardization of mesh kits and surgery to the quality of the data that you can gather from those procedures? A. It's much more accurate and scientific, because now you're comparing two exactly same procedures versus theoretically comparing the same procedures.	14 15 16 17 18 19 20	Q. Is infection a complication that is unique to Prolift? MR. BENTLEY: Same objection. A. No. Q. And, Doctor, with what types of pelvic floor surgeries can those complications I just asked you about occur?
14 15 16 17 18 19 20 21	A. Yes. Q. And what is the relationship between the standardization of mesh kits and surgery to the quality of the data that you can gather from those procedures? A. It's much more accurate and scientific, because now you're comparing two exactly same procedures versus theoretically comparing the same procedures. Q. Do you remember, Doctor, being asked	14 15 16 17 18 19 20 21	Q. Is infection a complication that is unique to Prolift? MR. BENTLEY: Same objection. A. No. Q. And, Doctor, with what types of pelvic floor surgeries can those complications I just asked you about occur? A. Any pelvic floor surgery.
14 15 16 17 18 19 20 21	A. Yes. Q. And what is the relationship between the standardization of mesh kits and surgery to the quality of the data that you can gather from those procedures? A. It's much more accurate and scientific, because now you're comparing two exactly same procedures versus theoretically comparing the same procedures. Q. Do you remember, Doctor, being asked questions about mesh shrinkage	14 15 16 17 18 19 20 21 22	 Q. Is infection a complication that is unique to Prolift? MR. BENTLEY: Same objection. A. No. Q. And, Doctor, with what types of pelvic floor surgeries can those complications I just asked you about occur? A. Any pelvic floor surgery. Q. So when we're talking about complications
14 15 16 17 18 19 20 21	A. Yes. Q. And what is the relationship between the standardization of mesh kits and surgery to the quality of the data that you can gather from those procedures? A. It's much more accurate and scientific, because now you're comparing two exactly same procedures versus theoretically comparing the same procedures. Q. Do you remember, Doctor, being asked	14 15 16 17 18 19 20 21	Q. Is infection a complication that is unique to Prolift? MR. BENTLEY: Same objection. A. No. Q. And, Doctor, with what types of pelvic floor surgeries can those complications I just asked you about occur? A. Any pelvic floor surgery.

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1	Q. And in terms of erosions and extrusions, can	1	yes.
2	you have those complications in a native tissue repair	2	MR. BENTLEY: Thank you, Doctor. I have no
3	utilizing sutures?	3	further questions.
4	A. That's correct.	4	MR. WALKER: Okay. We're done.
5	MR. BENTLEY: Objection.	5	THE REPORTER: Signature, Doctor?
6	A. Yes.	6	THE WITNESS: Yes, ma'am.
7	MR. WALKER: Were almost done. I'm making	7	
8	sure I got everything.	8	
9	That's all I have. Thank you.	9	
10	FURTHER EXAMINATION	10	
11	BY MR. BENTLEY:	11	
12	Q. Doctor, you discussed the Altman study. Do	12	DEPOSITION CONCLUDED AT 9:30 P.M.
13	you remember that?	13	
14	A. Yes.	14	
15	Q. Do you know that the Altman study was	15	
16	included in the 2016 Cochrane Review?	16	
17	A. Yes.	17	
18	Q. And the Altman study is a lower level of	18	
19	evidence, as compared to systematic reviews like the	19	
20	2016 Cochrane Review; correct?	20	
21	A. Yes.	21	
22	Q. And, in fact, the 2016 Cochrane Review is a	22	
23	higher level of evidence than the De Landsheere study	23	
24	and the Benbouzoid study; correct?	24	
	and the Bones about state, verifical		
	Page 143		Page 145
1	A. Correct.	1	CERTIFICATE
2	Q. Doctor, you were asked some questions about	2	State of Ohio :
3	the Iakovlev study. Do you remember that?		: SS
4	A. Yes.	3	State at Large :
5	Q. And if you'd just look at the second-to-last	4	I, Teresa A. Moore, RPR, CRR, the undersigned,
6	page. You were asked whether there were some	5 6	a duly commissioned notary public within and for the
7	disclosures by the authors.	7	State of Ohio, do hereby certify that before the giving of his aforesaid deposition, MICHAEL KARRAM, M.D. was by
8	Under "Acknowledgments," do you see that the	8	me first duly sworn to depose the truth, the whole truth
9	authors, in fact, disclosed that they're working as	9	and nothing but the truth; that the foregoing is the
10	consultants in this litigation?	10	deposition given at said time and place by MICHAEL
11	A. "Others provided expert opinions for	11	KARRAM, M.D.; that said deposition was taken in all
エエ			
	medicolegal cases in matters related to polypropylene	12	respects pursuant to stipulations of counsel; that I am
12	medicolegal cases in matters related to polypropylene mesh."	13	neither a relative of nor employee of any of their
12 13	mesh."	13 14	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever
12 13 14	mesh." Q. You'd agree, they made an accurate and honest	13 14 15	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action.
12 13 14 15	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct?	13 14 15 16	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my
12 13 14 15	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct? A. That's what it says here, yeah.	13 14 15 16 17	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office on this 5th day of
12 13 14 15 16 17	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct? A. That's what it says here, yeah. Q. So other than that, do you have any other	13 14 15 16	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my
12 13 14 15 16 17	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct? A. That's what it says here, yeah. Q. So other than that, do you have any other reason to discount their findings in this peer-reviewed	13 14 15 16 17 18	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office on this 5th day of
12 13 14 15 16 17 18	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct? A. That's what it says here, yeah. Q. So other than that, do you have any other reason to discount their findings in this peer-reviewed published article?	13 14 15 16 17 18 19	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office on this 5th day of
12 13 14 15 16 17 18 19	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct? A. That's what it says here, yeah. Q. So other than that, do you have any other reason to discount their findings in this peer-reviewed published article? A. Other than what we talked about earlier.	13 14 15 16 17 18 19 20	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office on this 5th day of
12 13 14 15 16 17 18 19 20 21	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct? A. That's what it says here, yeah. Q. So other than that, do you have any other reason to discount their findings in this peer-reviewed published article? A. Other than what we talked about earlier. Q. As you sit here today, can you tell the jury	13 14 15 16 17 18 19 20	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office on this 5th day of July, 2016. TERESA A. MOORE Notary Public - State of Ohio
12 13 14 15 16 17 18 19 20 21	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct? A. That's what it says here, yeah. Q. So other than that, do you have any other reason to discount their findings in this peer-reviewed published article? A. Other than what we talked about earlier. Q. As you sit here today, can you tell the jury any reason why you discount the findings in this	13 14 15 16 17 18 19 20 21	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office on this 5th day of July, 2016. TERESA A. MOORE
12 13 14 15 16 17 18 19 20 21	mesh." Q. You'd agree, they made an accurate and honest disclosure; correct? A. That's what it says here, yeah. Q. So other than that, do you have any other reason to discount their findings in this peer-reviewed published article? A. Other than what we talked about earlier. Q. As you sit here today, can you tell the jury	13 14 15 16 17 18 19 20 21	neither a relative of nor employee of any of their parties or their counsel, and have no interest whatever in the result of the action. IN WITNESS WHEREOF, I have hereunto set my hand and official seal of office on this 5th day of July, 2016. TERESA A. MOORE Notary Public - State of Ohio

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1 INSTRUCTIONS TO WITNESS	1
1 INSTRUCTIONS TO WITNESS 2	2 ACKNOWLEDGMENT OF DEPONENT
3 Please read your deposition	3
4 over carefully and make any necessary	
5 corrections. You should state the reason	4 I,, do 5 hereby certify that I have read the
	6 foregoing pages, and that the same is
11 1 1	7 a correct transcription of the answers
J	8 given by me to the questions therein
8 After doing so, please sign	9 propounded, except for the corrections or
9 the errata sheet and date it.	10 changes in form or substance, if any,
You are signing same subject	noted in the attached Errata Sheet.
to the changes you have noted on the	12
errata sheet, which will be attached to	13
13 your deposition.	14 MCHAEL KARRAM M.R. DATE
14 It is imperative that you	15 MICHAEL KARRAM, M.D. DATE
return the original errata sheet to the	17
deposing attorney within thirty (30) days	18 Subscribed and sworn
of receipt of the deposition transcript	to before me this
by you. If you fail to do so, the	
deposition transcript may be deemed to be	19 day of, 20 20 My commission expires:
accurate and may be used in court.	21
21	
22	22 Notary Public
23	23
24	24
ERRATA ERRATA PAGE LINE CHANGE REASON: REASON:	
23	

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